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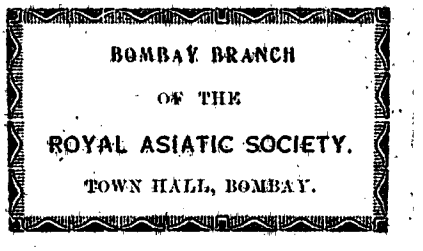


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# Bombay Municipality.

# RECORD OF PROCEEDINGS

OF

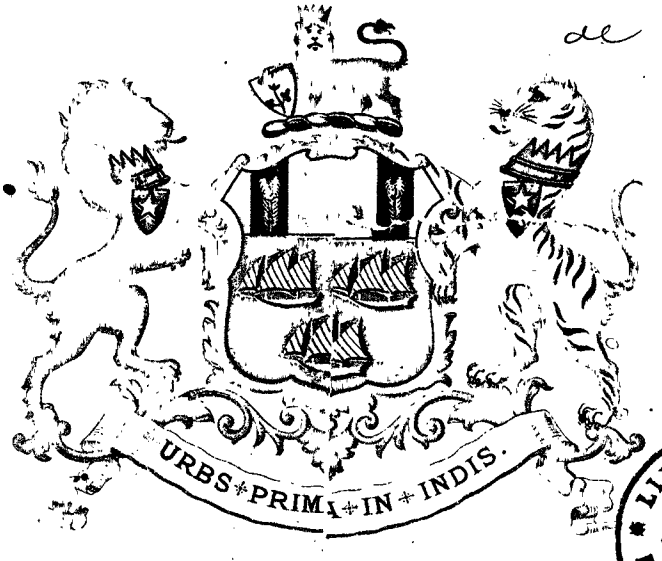
# THE CORPORATION

AND

# THE STANDING COMMITTEE,

1888-89.

133782

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## VOL. XII.

Part I.—PROCEEDINGS OF THE CORPORATION.

Part II.—PROCEEDINGS OF THE STANDING COMMITTEE.

*PREPARED BY THE*

MUNICIPAL SECRETARY.

00133792

RETURN of Meetings of the Corporation between 1st April 1888 and 31st March 1889, and the attendance of Councillors thereat.

| | Meetings held. | Meetings convened, but postponed for want of quorum of Members. |
|---|---|---|
| Quarterly and Adjourned Quarterly Meetings | 10 | ..... |
| Special and Adjourned Special Meetings | 17 | 7 |
| Meetings and Adjourned Meetings | 29 | 2 |
| Attendances for presentation of addresses to the Marquesses of Lansdowne and Dufferin | 2 | ..... |
| Total... | 58 | 9 |

*Note.*—Besides these Meetings, there were seventeen adjournments of them appearing from time to time on the agenda paper, but the adjournments so set down were not reached on the days for which they were fixed.

COMMITTEE MEETINGS.

| | | | |
|---|---|---|---|
| 1. | Municipal Bill, No. IV. of 1888 | 1 | ..... |
| 2. | Bombay Extension Committee's Report | 1 | ..... |
| 3. | Bullocks of the Health Department—Mortality amongst | 1 | ..... |
| 4. | Tansa Works and other Loan—Period for repayment of | 2 | ..... |
| 5. | Addresses—Preparation of | 2 | 1 |
| 6. | Roads and Streets improvement | 2 | ..... |
| 7. | By-laws of the Joint Schools Committee | 2 | 1 |
| 8. | Rules and Regulations at Meetings of the Corporation and Standing Committee—Revision of | ..... | 1 |
| 9. | Saving life in times of epidemic | 2 | 1 |
| | Total..... | 13 | 4 |
| | GRAND TOTAL..... | 71 | 13 |

# RETURN of Meetings of the Corporation between 1st April 1888 and 31st March 1889, and of the attendance of Members thereat.

| NAMES. | Attendance at Meetings, held or convened, 1888-89. | Attendance at Committee Meetings, held or convened, 1888-89. | Total. | Remarks. |
|---|---|---|---|---|
| The Hon'ble Mr. Rahimtula Mohamed Sayani, M.A., LL.B., *President* | 67 | 2 | 69 | |
| Abdulla Meheralli Dharamsi, Esq., B.A., LL.B., *R* (B Ward) | 19 | 1 | 20 | |
| Arnott, J., Surgeon-Major, M.D., C.M., *J* [a] | 14 | 1 | 15 | (*a*) Dr. Arnott left for Europe on 31st July 1888, and returned 30th October 1888. |
| Bhaishankar Nanabhai, Esq., *J* | 5 | 0 | 5 | |
| Blaney, Thomas, Esq., *J* | 64 | 13 | 77 | |
| Bomonjee Pestonjee Master, Esq., *R* (C Ward) | 12 | 1 | 13 | |
| Byramjee Nusserwanjee Servai, Esq., *R* (E Ward) | 57 | 1 | 58 | |
| Cornforth, J. P., Esq., *G* [b] | 4 | 0 | 4 | (*b*) Mr. Cornforth resigned on 29th September 1888 on proceeding to Europe, and was succeeded by Mr. M. R. Wyer—*vide* Government Resolution No. 4417, dated 12th December 1888, General Department. |
| Cotton, G., Esq., *J* [c] | 24 | 2 | 26 | |
| Cowasjee Hormusjee, Esq., G.G.M.C., *R* (C Ward) | 47 | 2 | 49 | |
| Damodar Tapidas, Esq., *G* | 29 | 1 | 30 | |
| Damodar Thakersi Mulji, Esq., *R* (C Ward) | 31 | 0 | 31 | (*c*) Mr. Cotton left for England on 7th August 1888, and returned on 5th November 1888. |
| DeSouza, Phillip Clement, Esq., L.M., *J* | 23 | 1 | 24 | |
| Dosabhai Framji, Esq., C.S.I., *J* | 41 | 3 | 44 | |
| Duxbury, J. R., Esq., *R* (A Ward) | 61 | 4 | 65 | |
| Eknath Raghunath Narayan Khote, Esq., *R* (E Ward) | 60 | 1 | 61 | |
| Fazulbhoy Visram, Esq., *R* (B Ward) | 36 | 0 | 36 | |
| Freeborn, Edwin Richard, Esq., *R* (E Ward) | 28 | 0 | 28 | |
| Geary, Grattan, Esq., *R* (B Ward) | 54 | 3 | 57 | |
| Gilbert, Reginald, Esq., J. P., *G* [d] | 26 | 1 | 27 | (*d*) Mr. Gilbert was nominated by Government under their Resolution No. 2387, General Department, dated 10th July 1888, *vice* Sir Frank H. Souter, deceased. |
| Gubbay, A. M., Esq., *G* | 47 | 5 | 52 | |
| Hormusjee Dadabhoy, Esq., *J* | 11 | 0 | 11 | |
| Hurkissondas Narotumdas, Esq., *R* (A Ward) | 25 | 0 | 25 | |
| Jalbhoy Ardaseer Sett, Esq., *R* (B Ward) | 28 | 0 | 28 | |
| Sir Jamsetjee Jejeebhoy, Bart., C.S.I., *G* | 16 | 0 | 16 | |
| Jamshedjee Pallonjee Kapadia, Esq., *R* (D Ward) | 53 | 1 | 54 | |
| Javerilal Umiashankar Yajnik, Esq., *J* | 63 | 3 | 66 | |
| Jehanghir Byramjee Murzban, Esq., *J* | 21 | 0 | 21 | |
| Jehanghir Cowasjee Jehanghir, Esq., *J* | 6 | 0 | 6 | |
| Kaikhusro Nowroji Kabraji, Esq., *J* | 47 | 0 | 47 | |
| Karsandas Vallabhdas, Esq., *G* | 32 | 1 | 33 | |
| Kashinath Trimbak Telang, The Hon'ble Mr., C.I.E., *R* (D Ward) | 4 | 0 | 4 | |

| NAMES. | Attendance at Meetings, held or convened, 1888-89. | Attendance at Committee Meetings, held or convened, 1888-89. | Total. | Remarks. |
|---|---|---|---|---|
| Kavasji Dady Limji, Esq., *J.* | 44 | 1 | 45 | |
| King, Harold R., Esq., *G* | 20 | 3 | 23 | |
| K. M. Shroff, Esq., *R* (A Ward) | 57 | 3 | 60 | |
| Mahomed Hussein Hakim, Esq., *G* | 44 | 1 | 45 | |
| Martin, Gerald W., Major, *G* ...*e* | 22 | 2 | 24 | (*e*) Major Martin resigned his seat (*vide* his letter of 7th January 1889) before proceeding on furlough. |
| Merewether, G. L. C., Colonel, R.E., *G* | 56 | 4 | 60 | |
| Mirza Hussein Khan, Esq., *G* | 14 | 0 | 14 | |
| Morland, Captain Sir H., Kt., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *G* ...*f* | 40 | 2 | 42 | (*f*) Sir Henry Morland was unable to attend meetings from 12th August 1888 until 7th January 1889, on account of serious injuries sustained by him in August. |
| Mulji Bhawanidas Barbhaya, Esq., *R* (D Ward) | 24 | 1 | 25 | |
| Muncherjee Cowasjee Murzban, Khan Bahadur, ASSOC. M.I.C.E., *J* | 32 | 4 | 36 | |
| Muncherjee Nowrojee Banajee, Esq., *R* (E Ward) | 46 | 1 | 47 | |
| Nanabhoy B. Jeejeebhoy, Esq., *R* (F Ward) | 21 | 0 | 21 | |
| Naoroji Beiramji Suntook, Esq., *R* (C Ward) | 54 | 1 | 55 | |
| Narayen Ganesh Chandavarkar, Esq., B.A., LL.B., *R* (E Ward)*g* | 42 | 7 | 49 | (*g*) Mr. Narayan G. Chandavarkar was elected on the 25th April 1888 by rate-payers in succession to Dr. Peterson. |
| Nuzzer Mohommed Futehally, Esq., *R* (C Ward) | 18 | 0 | 18 | |
| Peterson, P., Esq., M.A., D.Sc., *R.* (E Ward) ...*h* | 0 | 0 | 0 | (*h*) Dr. Peterson was appointed on the 12th December 1887, and resigned on 4th April 1888, and was succeeded by Mr. N. G. Chandavarkar. |
| Pherozeshah Merwanjee Mehta, The Hon'ble Mr., *J* | 25 | 2 | 27 | |
| Portman, A. B., Lieut.-Colonel, *J* | 16 | 0 | 16 | |
| Purshotumdas Munguldas Nathubhoy, Esq., *R* (G Ward) | 44 | 1 | 45 | |
| Raghunath Narayan Khote, Esq., C.I.E., *R* (D Ward) | 48 | 2 | 50 | |
| Rehemubhai Alfana, Esq., *R* (B Ward) | 7 | 0 | 7 | |
| Rustomjee Dhunjeebhoy Sethna, Esq., B.A., LL.B., *G* | 18 | 2 | 20 | |
| Rastamji Nasarvanji Khory, Esq., M.D., M.R.C.P. (London), *R* (D Ward) | 28 | 3 | 31 | |
| Selby, H. O., Major, R.E., *G* | 38 | 5 | 43 | |
| Shivji Dhumaji, Esq., *R* (E Ward) | 63 | 3 | 66 | |
| Souter, Sir Frank H., Kt., C.S.I., C.I.E., *G* ...(*j*) | 5 | 0 | 5 | (*j*) Sir Frank died on 5th June 1888, and was succeeded by Mr. R. Gilbert. |
| Tribhowandas Munguldas Nathoobhoy, Esq., *R* (C Ward) | 49 | 1 | 50 | |
| Tribhowandas Vurjeewandas, Esq., *R* (C Ward) | 26 | 1 | 27 | |
| Uloth, H. Wilmot, Esq., *G* ...*k* | 19 | 2 | 21 | (*k*) Mr. Uloth left for Europe on 21st September 1888, and returned on 26th November 1888. |
| Underwood, C. F., Esq., M.D., F.R.M.S., *R* (A Ward) | 14 | 0 | 14 | |
| Vandrawundas Purshotumdas, Esq., *R* (B Ward) | 32 | 1 | 33 | |
| Venayekrao Ramchunder Luxumonjee, Esq., *R* (D Ward) | 9 | 0 | 9 | |
| Vishvanath Narayan Mandlik, Rao Saheb, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London.) *J* | 12 | 0 | 12 | (*l*) Surgeon-Major Waters left for Europe, 8th March 1889. |
| Waters, G., Surgeon-Major, L.R.C.S., L.R.C.P., *G* ...*l* | 42 | 1 | 43 | |
| Wyer, M. R., Esq., *G* ...*m* | 5 | 0 | 5 | (*m*) Nominated by Government under their Resolution No. 4617, dated 12th December 1888. |

## TOWN COUNCIL, NOW STANDING COMMITTEE.

Meetings held during the year were :—

| | |
|---|---|
| Town Council and Standing Committees' Meetings | 52 |
| Adjourned and Special Meetings | 2 |
| Total | 54 |

*Committees.*

| | |
|---|---|
| Audit | 33 |
| Compensation for land taken up for street improvement | 1 |
| Finance | 2 |
| Works | 1 |
| Malabar Hill and Bhandarwada (John Hay Grant) Reservoirs, Leakage of | 5 |
| Attendances for signing Cheques | 140 |
| " " signing Addresses | 2 |
| Total | 184 |

## Attendance at Town Council and Standing Committee Meetings.

| NAMES. | Attendance at Meetings of Council & Standing Committee. | Attendance at Committees, including Cheque signing, &c. | Total. | Remarks. |
|---|---|---|---|---|
| Dosabhai Framji, Esq., C.S.I., *Chairman, C* ..... | 39 | 11 | 50 | |
| Cowasjee Hormusjee, Esq., G.G.M.C., *C* ..... | 52 | 17 | 69 | |
| Javerilal Umiashankar Yajnik, Esq., *G* ..... | 54 | 22 | 76 | |
| Colonel G. L. C. Merewether, R.E., *G*..... | 54 | 64 | 118 | |
| Captain Sir Henry Morland, Kt., F.R.G.S., F.R.A.S., Assoc. I.C.E., *G*..... | 40 | 41 | 81 | Sir Henry Morland was unable to attend from 12th August 1888 to 7th January 1889, on account of accident as above. |
| Muncherjee Nowrojee Banajee, Esq., *C*..... | 49 | 20 | 69 | |
| Nanabhoy B. Jeejeebhoy, Esq., *C*..... | 47 | 3 | 50 | |
| Raghunath Narayan Khote, Esq., C.I.E., *G* ..... | 53 | 27 | 80 | |
| The Hon'ble Mr. Rahimtula Mohamed Sayani, M.A., LL.B., *C* ..... | 47 | 14 | 61 | |
| Major H. O. Selby, *C* ..... | 17 | 10 | 27 | Major Selby was elected on 5th July 1888 in place of Sir Frank H. Souter, Kt. |
| Sir Frank H. Souter, Kt., C.S.I., C.I.E., *C* ..... ... | 4 | ..... | 4 | Sir Frank H. Souter died on 5th June 1888. |
| Rao Saheb Vishvanath Narayan Mandlik, C.S.I., *C* ... | 16 | 8 | 24 | |
| Surgeon-Major G. Waters, L.R.C.S., L.R.C.P., *C* ..... | 50 | 7 | 57 | Surgeon-Major Waters left for Europe on 8th March 1889. |

BOMBAY, *4th April* 1889.

H. W. BARROW,
Municipal Secretary.

# MUNICIPAL CORPORATION.

*As Existing, 31st March 1889.*

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *R.* (A Ward)
*President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. *R* (B Ward)
ARNOTT, J., SURGEON-MAJOR, M.D., C.M. *J*
BHAISHANKAR NANABHAI, Esq., *J*
BLANEY, THOMAS, Esq. *J*
BOMONJEE PESTONJEE MASTER, Esq. *R.* (C Ward)
BYRAMJEE NUSSERWANJEE SERVAI, Esq. *R* E (Ward)
COTTON, G., Esq., *J*
COWASJEE HORMUSJEE, Esq., G.G.M.C. *R* (C Ward)
DAMODAR TAPIDAS, Esq. *G*
DAMODAR THAKERSI MULJI, Esq. *R* (C Ward)
DESOUZA, PHILLIP CLEMENT, Esq., L.M. *J*
DOSABHAI FRAMJI, Esq. C.S.I. *J*
DUXBURY, J. R., Esq., *R* (A Ward)
EKNATH RAGHUNATH NARAYAN KHOTE, Esq, *R* (E Ward)
FAZULBHOY VISRAM, Esq. *R* (B Ward)
FREEBORN, EDWIN RICHARD, Esq. *R* (E Ward)
GEARY, GRATTAN, Esq. *R* (B Ward)
GILBERT, REGINALD, Esq., J. P. *G*
GUBBAY, A. M., Esq. *G*
HORMUSJEE DADABHOY, Esq. *J*
HURKISONDAS NARROTUMDAS Esq. *R* (A Ward)
JALBHOY ARDASEER SETT, Esq. *R* (B Ward)
SIR JAMSETJEE JEJEEBHOY, BART., C.S.I. *G*
JAMSHEDJEE PALLONJEE KAPADIA, Esq. *R* (D Ward)
JAVERILAL UMIASHANKAR YAJNIK, Esq. *J*
JEHANGIR BYRAMJEE MURZABN, Esq. *J*
JEHANGHIR COWASJEE JEHANGHIR, Esq. *J*
KAIKHUSRO NOWROJI KABRAJI, Esq. *J*
KARSANDAS VALLABHDAS, Esq. *G*
KASHINATH TRIMBAK TELANG, THE HON'BLE MR., C.I.E. *R* (D Ward)
KAVASJI DADY LIMJI, Esq. *J*
KING, HAROLD R., Esq. *G*
KAVASJI MEHERWANJI SHROFF, Esq. *R* (A Ward)
MAHOMED HUSSEIN HAKIM, Esq. *G*
MARTIN, GERALD W., MAJOR *G**
MEREWETHER, G. L. C., COLONEL R.E. *G*
MIRZA HUSSEIN KHAN, Esq. *G*
MORLAND, CAPTAIN SIR HENRY, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. *G*
MULJI BHAVANIDAS BARBHAYA, Esq. *R* (D Ward)
MUNCHERJEE COWASJEE MURZBAN, KHAN BAHADUR, ASSOC. M.I.C.E. *J*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *R* (E Ward)
NANABHOY B. JEEJEEBHOY, Esq. *R* (F Ward)
NAOROJI BEIRAMJI SURTOOK, Esq. *R* (C Ward)
NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. *R* (E Ward)
NUZZER MOHOMMED FUTEHALLY, Esq. *R* (C Ward)
PHEROZESHAH MERWANJEE MEHTA, THE HON'BLE MR. *J*
PORTMAN, A. B., LIEUT.-COLONEL *J*
PURSHOTUMDAS MUNGULDAS, NUTHUBHOY, Esq. *R* (G Ward)
RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. *R* (D Ward)
REHEMUBHAI ALLANA, Esq., *R* (B Ward)
RUSTOMJI DHUNJEEBHOY SETHNA, Esq., B.A. LL.B. *G*
RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London). *R* (D Ward)
SELBY, H. O., MAJOR, R.E. *G*
SHIVJI DHURMAJI, Esq. *R* (E Ward)
TRIBHOWANDAS MUNGULDAS NUTUTHOOBHOY, Esq. *R* (C Ward)
TRIBHOWANDAS VURJEEWANDAS, Esq. *R* (C Ward)
ULOTH, H. WILMOTH, Esq. *G*
UNDERWOOD, C. F., Esq., M.D., F.R.M.S. *R* (A Ward)
VANDRAWUNDAS PURSHOTUMDAS, Esq. *R* (B Ward)
VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq. *R* (D Ward)
VISHVANATH NARAYAN MANLIK, RAO SAHEB, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London). *J*
WATERS, G., SURGEON-MAJOR, L.R.C.S., L.R.C.P. *G*
WYER, M. R., Esq. *G*

* Major resigned on 7th January 1889, but no one appointed by Government in his place.

NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; and *G*, appointed by Government.

The words A, B, C, D, E, F and G Wards show the particular Wards for which members were elected by the Ratepayers.

H. WYNFORD BARROW,
*Municipal Secretary.*

# STANDING COMMITTEE.

*As Existing*, 31*st March* 1889.

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman C*

COWASJI HORMUSJI, Esq., G.G.M.C. *C*
JAVERILAL UMIASHANKAR YAJNIK, Esq. *G*
MEREWETHER, G. L. C., COLONEL, R.E. *G*
MORLAND, CAPTAIN SIR HENRY, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. *G*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *C*
NANABHOY B. JEEJEEBHOY, Esq. *C*
RAGHUNATH NARAYEN KHOTE, Esq., C.I.E. *G*
THE HONORABLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B. *C*
SELBY, H. O., MAJOR, R.E. *C*
VISHVANATH NARAYAN MANDLIK, RAO SAHEB, C.S.I., M.R.A.S., F.R.G.S., F.G.S. (London). *C*
WATERS, G., SURGEON-MAJOR, L.R.C.S., L.R.C.P. *C*

NOTE.—The letters against the names signify—*C*, that the member was elected by by the Municipal Corporation; and *G*, appointed by Government.

H. WYNFORD BARROW,
*Municipal Secretary.*

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# MUNICIPAL CORPORATION.

*As Existing, 1st April* 1889.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. *R* (B Ward)
ALSTON, J. S., Esq. *G*
ARNOTT, J., SURGEON-MAJOR, M.D., C.M. *J*
BHAGWANDAS NAROTUMDAS, Esq. *R* (F Ward)
BHALCHANDRA KRISHNA BHATAWADEKAR, Esq. *R* (D Ward.)
BLANEY, THOMAS, Esq. *J*
BOMONJEE PESTONJEE MASTER, Esq. *R* (C Ward)
BURDER, H. C., Esq. *G*
BYRAMJEE NUSSERWANJEE SERVAI, Esq. *J*
CARROLL, E. B., Esq. *G*
COTTON, GEORGE, Esq., *C.C.*
COWASJEE HORMUSJEE, Esq., G.G.M.C. *R* (C Ward)
DAMODAR TAPIDAS, Esq. *G*
DAMODAR THAKERSI MULJI, Esq. *R* (C Ward)
DESOUZA, PHILLIP CLEMENT, Esq., L.M. *J*
DINSHAW EDULJI WACHA, Esq. *R* (A Ward)
DOSABHAI FRAMJI, Esq., C.S.I. *J*
DUXBURY, J. R., Esq. *R* (A Ward)
FAZALBHAI JUMABHAI LALJI, Esq. *R* (B Ward)
FAZULBHOY VISRAM, Esq. *G*
FERNANDEZ, J. F., Esq. *R* (G Ward)
FRAMJI DORABJI DIVECHA, Esq. *R* (A Ward)
GEARY, GRATTAN, Esq. *J*
GILBERT, REGINALD, Esq. *G*
GUBBAY, A. M., Esq. *G*
HASAMBHAI VISRAM, Esq. *J*
HORMUSJEE DADABHOY, Esq. *J*
HURKISSONDAS NARROTUMDAS, Esq. *R* (A Ward)
JAGMOHANDAS VANDRAWANDAS, Esq. *R* (C Ward)
JALBHOY ARDASEER SETT, Esq. *R* (B Ward)
SIR JAMSETJEE JEJEEBHOY, BART., C.S.I. *G*
JAMSEDJI KHARSEDJI KAMA, Esq. *J*
JAMSHEDJEE PALLONJEE KAPADIA, Esq. *R* (D Ward)
JAVERILAL UMIASHANKAR YAJNIK, Esq. *J*
JAYA KARADI LINGU, Esq. *R* (E Ward)
JIWANJI JAMSEDJI MODI, Esq. *U*
KAIKHUSRO NOWROJI KABRAJI, Esq. *J*
K. M. SHROFF, Esq. *R* (A Ward)
KING, HAROLD R., Esq. *G*
KIRKHAM, T. B., Esq. *G*
LUCHMON SINGH, RAI BAHADUR. *R* (E Ward)
MAHOMED HUSSEIN HAKIM, Esq. *G*
MANEKJI BEHRAMJI DADABHAI, Esq. *J*
MEHERJIBHAI RASTAMJI SETNA, Esq. *R* (D Ward)
MEREWETHER, G. L. C., COLONEL, R.E. *G*
MIRZA HUSSEIN KHAN, Esq. *G*
MORLAND, CAPTAIN SIR HENRY, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. *G*
MULJI BHAWANIDAS BARBHAYA, Esq. *G*
MUNCHERJEE COWASJEE MURZBAN, KHAN BAHADUR, ASSOC. M.I.C.E. *J*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *R* (E Ward)
NANABHOY B. JEEJEEBHOY, Esq. *R* (F Ward)
NAOROJI BEIRAMJI SUNTOOK, *R* (C Ward)
NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. *R* (D Ward)
NAROTAMDAS GOVARDHANDAS, Esq. *R* (B Ward)
PHEROZESHAH MERWANJEE MEHTA, THE HON'BLE MR. *J*
PORTMAN, A. B., LIEUTENANT-COLONEL. *J*
PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq. *R* (G Ward)
RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. *G*
RAHIMTULA KHAIRAZ, Esq. *R* (B Ward)
RAHIMTULA MOHAMED SAYANI, THE HON'BLE MR., M.A., LL.B. *R* (B Ward)
RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London). *R* (D Ward)
RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B. *U*
ROUGHTON, G. W., Esq. *C.C.*
SELBY, H. O., MAJOR, R.E. *R* (E Ward)
SHIVAJI DHURMAJI, Esq. *R* (E Ward)
TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq. *R* (C Ward)
TRIBHOWANDAS VARJIWANDAS, Esq. *R* (C Ward)
UNDERWOOD, E. F., Esq., B.A., M.D. *R* (A Ward)
VANDRAWUNDAS PURSHOTUMDAS, Esq. *R* (B Ward)
VASUDEO J. KIRTIKAR, RAO SAHEB. *R* (C Ward)
VIEGAS, ACCACIO GABRIEL, Esq. *R* (B Ward)
VISHVANATH NARAYAN MANDLIK, RAO SAHEB, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London). *J*

NOTE.—The letters against the names signify—*R*, that the member was elected by Ratepayers; *J*, by the Bench of Justices; *C. C.*, by the Chamber of Commerce; *U*, by the University of Bombay; and *G*, appointed by Government.

The words A, B, C, D, E, F and G Wards show the particular Wards for which members were elected by Ratepayers.

# STANDING COMMITTEE.

*As Existing 1st April 1889.*

BLANEY, THOMAS, Esq. *C*
CARROLL, E. B., Esq., M.I.C.E. *G*
COWASJEE HORMUSJEE, Esq., G.G.M.C. *C*
DOSABHAI FRAMJI, Esq., C.S.I. *C*
FAZALBHOY VISRAM, Esq. *G*
JAVERILAL UMIASHANKAR YAJNIK, Esq. *C*
KAIKHUSRO NOWROJI KABRAJI, Esq. *C*
K. M. SHROFF, Esq. *C*
MEREWETHER, COLONEL G. L. C., R.E. *G*
MORLAND, SIR HENRY, KT. *C*
MULJI BHAWANIDAS BARBHAYA, Esq. *G*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *C*

NOTE.—The letter against the names signify—*C* that the member was elected by the Municipal Corporation; and *G* appointed by Government.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner for the City of Bombay.

## PRINCIPAL OFFICERS OF THE CORPORATION.

RIENZI G. WALTON, M.I.C.E., EXECUTIVE ENGINEER (*on furlough*).
JAMES W. SMITH, M.I.C.E., DEPUTY EXECUTIVE ENGINEER, DRAINAGE (ACTING EXECUTIVE ENGINEER).
S. TOMLINSON, ASSOC. M.I.C.E., DEPUTY EXECUTIVE ENGINEER (WATER WORKS).
J. J. B. BENSON, ACTING DEPUTY EXECUTIVE ENGINEER (DRAINAGE.)
W. CLERKE, B.A., M.I.C.E., EXECUTIVE ENGINEER, TANSA WATER WORKS.
T. C. H. WHITE, C.E., DEPUTY EXECUTIVE ENGINEER, TANSA.
E. C. HAWKE, ASSISTANT EXECUTIVE ENGINEER, TANSA.
SURGEON-MAJOR T. S. WEIR, L.R.C.S.I., L.K. & Q.C.P.I., HEALTH OFFICER.
J. LEASK, ASSISTANT HEALTH OFFICER
R. P. BRUNTON, ASSESSOR AND COLLECTOR.
SORABJI NAVAROJI COOPER, CHIEF ACCOUNTANT.
P. C. HIGGINS, SUPERINTENDENT OF MARKETS.
W. C. ROWE, SUPERINTENDENT, WORKSHOPS.
DOUGLAS BENNETT, ACTING TOWN DUTY REFUND OFFICER.
RAO BAHADUR VIRPRASAD TAPIPRASAD, SPECIAL ASSISTANT TO THE MUNICIPAL COMMISSIONER.
D. BENNETT, ASSISTANT TO THE MUNICIPAL COMMISSIONER.
W. PEARSON, ACTING DITTO.
MANECKSHA COWASHA, ASSISTANT ACCOUNTANT.
PHEROZESHAH RUSTOMJEE, ASSISTANT ASSESSOR AND COLLECTOR.
PURSHOTUM GUNGADHAR, ASSISTANT ASSESSOR AND COLLECTOR.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Auditors.*

H. WYNFORD BARROW,
*Municipal Secretary.*

BOMBAY MUNICIPAL CORPORATION OFFICE,
*April* 1889.

## JOINT SCHOOLS' COMMITTEE.

THOMAS BLANEY, Esq., CHAIRMAN.

*Elected by the Corporation.*
ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.
KAIKHUSRO N. KABRAJI, Esq.
KASHINATH T. TELANG, THE HON. MR., C.I.E.

*Appointed by Government.*
GHANASHAM NILKANTH NATKARNI, Esq., LL.B.
GEARY, GRATTAN, Esq.
NOWROJEE NASARWANJEE WADIA, Esq.
RAO SAHEB VIRAJRAO SANTOKRAE DESAI, B.A.

## VICTORIA TECHNICAL INSTITUTE.

*Representatives of the Corporation on the Board of Management.*

BLANEY, THOMAS, Esq.
KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN.
SELBY, MAJOR H. O.

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# BOMBAY MUNICIPAL CORPORATION.

BOMBAY, *4th April* 1888.

AT the Quarterly Meeting of the Municipal Corporation of Bombay held this day, there were present :

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC.M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq.; RAGHUNATH, NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.L., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; H. WILMOT ULOTH, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

Proposed by Dosabhai Framji, Esq., seconded by Dr. Rastamji Nasarvanji Khory—

"That Sir Henry Morland, Kt., do take the chair."

*Carried.*

The minutes of the adjourned Special General Meeting, held on the 26th ultimo, were signed.

In acccordance with notice of motion, it was—

Proposed by Sir Frank H. Souter, seconded by Thomas Blaney, Esq.—

"That Rahimtula Mohamed Sayani, Esq., be elected Chairman of the Municipal Corporation of Bombay for the ensuing year."

No. 25.

*Carried with acclamation.*

Mr. Sayani having taken the chair, expressed his thanks for the honor conferred on him by the Corporation in thus electing him.

Proposed by Dosabhai Framji, Esq., seconded by Major Selby—

No. 26. "That this meeting has pleasure in placing on record its high sense of the valuable services rendered by Captain Sir Henry Morland, Kt., as Chairman of the Municipal Corporation, and of the great ability with which he has discharged the duties of that honourable office. The Corporation at the same time tenders its best thanks to Sir Henry for the care and assiduity with which he has discharged the important duties of his office, and for his uniform courtesy and urbanity towards his colleagues."

*Carried with acclamation.*

Sir Henry Morland returned thanks for the vote thus passed to him.

On the proposal of Major Selby, seconded by Javerilal Umiashankar Yajnik, Esq., the Chairman, with the consent of the meeting, and under the terms of No. 4 of the Rules, gave priority to the motion, of which notice had already been given by Mr. Dosabhai Framji.

Proposed by Dosabhai Framji, Esq.—

No. 27. "That the maximum amount (fixed by the Corporation's Resolution No. 892 of the 28th July 1887) of a new work chargeable to revenue account be reduced from Rs. 20,000 to Rs. 10,000, and that the terms of that Resolution be amended accordingly."*

This motion was seconded by Tribhowandas Vurjeewandas, Esq.

*Amendment,* moved by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the maximum amount of a new work chargeable to revenue account be reduced, from Rs. 20,000 to Rs. 5,000."

On a division, the votes were recorded as follows :—

| | *For* | *Against.* | |
|---|---|---|---|
| Amendment... ... ... ... | 7 | 19 | *lost.* |
| Original motion ... ... ... | 22 | 3 | *carried.* |

* With the consent of the Meeting the last clause was now added by the mover.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the following letter No. 2750, dated 28th ultimo, from the Secretary, Town Council, reporting the Budget transfers sanctioned by the Town Council up to the 27th idem, be *recorded*.

No. 28.

To CAPTAIN SIR HENRY MORLAND, KT.,
H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.,
Chairman, Municipal Corporation.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers sanctioned by them, up to 27th instant, Rs. 97,679-8-11, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in the grant of Rs. 10,000, for experiments in kutchra burning, New Works, to the grant of Rs. 8,000, for the construction of a small Beehive Destructor, to meet the excess over the grant for erecting the same... ... ... ... ... ... ... ... | 2,126 | 13 | 0 |
| Transfer from savings in Section V., Water-supply, Miscellaneous Drainage, Engineer's Budget, and Section IV., water-supply, Bazaar Gate Street Garden, Public Gardens Budget, to the Budget grants provided for water-supply to different departments, to meet excesses over the grants provided in the Budget ... ... ... ... ... | 59 | 3 | 5 |
| Transfer from the grant of Rs. 27,000, provided in the 44 lakhs Sanitary Works Loan, for the construction of drain at Argyll Road, to the grant for the construction of pipe sewer at Agripada, to meet the excess over the grant for that sewer ... ... ... ... ... ... ... | 3,783 | 15 | 1 |
| Transfer from savings in Section I., purchase of materials, road metal, sandstone and water tables, B, Road Repairs, Engineer's Budget, to Section II., cart-hire and labour, same head, same budget, to meet excess in the grant for labour, Road Department ... ... ... ... ... | 3,500 | 0 | 0 |
| Transfer from savings in Section III., disposal of Town sweepings (earth to cover cutchra deposits), Conservancy Branch, Health Department Budget, to the grant for Primary Education, to defray the payment to the Director of Public Instruction on account of additional grant of Rs. 8,874 (lapsed), provided in the Budget for 1886-87 for Education... ... ... ... ... ... | 3,874 | 0 | 0 |
| Transfer from savings (1) in Sections I., Establishment, II., Feed of Animals, and III., Seeds and Plants, Victoria Gardens, Maintenance of Public Gardens Budget, and (2) Section I., salary of Assistant Engineer, Engineer's Budget, to Sections II. Contingencies and Stores, and IV., Monsoon Repairs, &c., Victoria Gardens Public Gardens Budget, to meet excesses in the grants for contingencies and stores, and monsoon repairs... ... ... | 1,660 | 0 | 0 |
| Transfer from savings in Section V., meat carriage (contingencies), Markets and Slaughter Houses, Health Department Budget, to Section VI., disposal of offal, same head, same Budget, to meet excess in the grant for disposal of offal, owing to no provision being made in the Budget for 1887-88, for the extra day of February 1888 ... ... ... ... ... ... ... ... | 5 | 0 | 0 |
| Carried forward... | 15,008 | 15 | 6 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought over... | 15,008 | 15 | 6 |
| Transfer from savings in Section I., Establishment B., Inspection, Distribution and Waste Prevention, Water Works, Engineer's Budget, to Section IV., Outdoor Establishment, same Budget, to meet the balance of cost of the acting arrangement made during the absence of Mr. Pundlik Ganesh, Superintendent of Roads and Buildings, Engineer's Department, on privilege leave, for one month and eight days, from 5th April 1888 ... ... ... | 12 | 10 | 8 |
| Transfer from savings (*a*) Rs. 1,062-2-4, in Section I, Establishment, B Inspection, Distribution and Waste Prevention, Water Works, Engineer's Budget; (*b*) Rs. 254, in the grant for removing and relaying water mains in Kamathipura and other streets; (*c*) Rs. 8,225-9-7, in the grant for laying water mains at Apollo Bandar and other roads; and (*d*) Rs. 2,458-4-1, in Section II, water-carts, A, Road Watering, Engineer's Budget; to Section IV., Miscellaneous Stores, Water Works, Engineer's Budget, to meet excess over the grant for 1887-88, for Miscellaneous Stores, Water Works... ... ... ... ... | 12,000 | 0 | 0 |
| Transfer from savings in Section IV., compensation for damage done to Police Officers' clothing when on duty at Fires, Fire Brigade Budget, to Section V., contingencies, Town Council and Corporation Establishment Budget, to meet the cost of making new punkhas for the Corporation hall ... ... ... ... ... ... | 488 | 2 | 0 |
| Transfer from savings in Section V., charges for buggy hire and feed of horses, Fire Brigade Budget, to Section XI., new charges on account of Fire Brigade (Telephone connections), to meet excess in the grant for Telephone connections ... ... ... ... ... ... ... | 836 | 0 | 0 |
| Transfer from savings (*a*) Rs. 864 in Section VIII., Rent (Foras Road Labourers' chawl), and (*b*) Rs. 36 in Section I., superintendence and inspection, Conservancy Branch, Health Department Budget, to Section VIII., Rent, same head, same Budget, to meet the amount of rent of new chawl at Jairazbhoy Street, belonging to Mr. Ebrahim Abdul Kaim occupied by the Health Department for bigaries, from June 1887 to February 1888 ... | 900 | 0 | 0 |
| Transfer from savings in Section III., disposal of Town sweepings (earth to cover kutchra deposits), Conservancy Branch, Health Department Budget, to Section IV., Repairs, same head, same Budget, to meet the cost of repairing the usual openings in roads for drain cleaning... | 7,200 | 0 | 0 |
| Transfer from savings in Section III., contingencies, &c., for extinguishing fires, Fire Brigade Budget, to the Budget grant for miscellaneous Loan charges, to meet excess in the charges ... ... ... ... ... ... ... | 349 | 3 | 0 |
| Transfer from savings in the grant for Rewards, Tobacco Duties, Collection Establishment, Assessment and Collection Department Budget, to the grant for printing, same head, same Budget, to meet the cost of printing books and forms for the Tobacco Department ... ... ... ... | 100 | 0 | 0 |
| Transfer from savings in Section III., Fees of Councillors, Town Council and Corporation Establishment Budget, to Section V., same Budget, to meet excess in the grant for advertisements, and printing up to the end of the financial year ... ... ... ... ... ... | 1,000 | 0 | 0 |
| Carried forward... | 37,894 | 15 | 2 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought over... | 37,894 | 15 | 2 |
| Transfer from savings in Section I., Bullocks and Bhisties, A, Road Watering, Engineer's Budget, to Section III., same head, same Budget, to meet excess in the grant for repairs to water posts and Persian wheels... ... ... | 1,200 | 0 | 0 |
| Transfer from savings (1) Rs. 244-11-0, in Section III., Surveyors and Draftsmen, Engineer's Budget, and (2) Rs. 100, in Section IV., outdoor Establishment (Roads and Buildings), same Budget, to Section V., Assessment and Collection Department Budget, to meet excess in the grant for receipt stamps ... ... ... ... ... | 344 | 11 | 0 |
| Transfer from saving in Section I., Bullocks and Bhisties, A, Road Watering, Engineer's Budget, to the grant for Interest and Instalment on the New Consolidated Tulsi Loan, Municipal Debt Budget, to meet extra interest on certain instalments due in 1883, 1884, 1885, and 1887, but only claimed in 1887-88 ... ... ... ... ... | 2,290 | 5 | 4 |
| Transfer from savings in Section I., Purchase of materials, Road metal, sand stone, kerb stones and Water tables, B, Road Repairs, Engineer's Budget, to Sections II., Cart Hire and Labour, and IV., Maintenance of steam rollers, &c., to meet excesses in the apportionments for cart hire, bullock hire, maintenance of steam rollers and share of Persian wheels, Engineer's Department... ... | 23,150 | 0 | 0 |
| Transfer from savings in Section I., Purchase of Materials, Road metal, sand stone, kerb stones and water tables, and VIII., repairs to Port Trust Roads, B. Road Repairs, Engineer's Budget ; to Section IX. Remetalling the whole area of Drainage Trenches, same head, same Budget, to meet proportionate cost debitable to the grant for Road Repairs on account of remetalling trenches opened in connection with drainage works ... | 31,921 | 2 | 2 |
| Transfer from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section V., Repairs, Cemeteries, same Budget, to meet the charges incurred on account of repairs to Haines Road Cemetery Office ... ... ... ... | 266 | 10 | 10 |
| Transfer from savings in Section II., Gas Lighting, A, Street and Bandars, Public Lighting Branch, Engineer's Budget, to Section II., III. and IV., Materials, Repairs, Contingencies, Maintenance of Love Grove, Wurli, Dharavi, and the new sluices on the Flats, same Budget, to meet excess in the grant for repairs to sluices... ... | 431 | 12 | 5 |
| Transfer from savings in Section III., pay of Surveyors and Draftsmen, Engineer's Budget, to Section IV., contingencies, Assessment and Collection Department Budget, to meet the cost of repainting and replacing old number plates, and for the supply of new number plates for new buildings ... ... ... ... ... ... ... | 180 | 0 | 0 |
| Total Rs... | 97,679 | 8 | 11 |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council."

*Carried.*

The Clerk and Secretary said before the Corporation the following:—

RETURN of Meetings of the Corporation between 1st April 1887 and 31st March 1888, and of the attendance of Members thereat.

| | Meetings held. | Meetings convened, but postponed for want of quorum of Members. |
|---|---|---|
| Quarterly and Adjourned Quarterly Meetings | 18 | 2 |
| Special and Adjourned Special General Meetings | 42 | 18 |
| Total... | 60 | 20 |

*Note.*—Besides these Meetings, there were eight adjournments of them appearing from time to time on the agenda paper, but the adjournments so set down, were not reached on the days for which they were fixed.

COMMITTEE MEETINGS.

| | | | |
|---|---|---|---|
| 1. | Bill, Municipal (No. IV. of 1887)— | | |
| | General Committee | 24 | 6 |
| | Sub-Committee | 18 | ..... |
| 2. | Bombay Extension Committee's Report | ..... | 3 |
| 3. | Capital and Revenue Works | 1 | ..... |
| 4. | Consolidated Rate, reduction of, preparation of a reply to Government letter No. 119, dated 11th January 1887 | 2 | ..... |
| 5. | Cremation of Hindu dead | 3 | ..... |
| 6. | Dog Tax, levy of, in Bombay | 2 | ..... |
| 7. | Dwellings of labouring classes | 1 | ..... |
| 8. | Markets, question as to the provision of increased accommodation in | 1 | ..... |
| 9. | Municipal Office and Hall, new | 5 | ..... |
| | | 57 | 9 |
| | Grand Total..... | 117 | 29 |

RETURN of meetings of the Corporation between 1st April 1887 and 31st March 1888, and of the attendance of members thereat.

| NAMES. | Attendance at Meetings, 1887-88. | Attendance at Committee Meetings, 1887-88. | Total. | Remarks. |
|---|---|---|---|---|
| Morland, Captain Sir H., Kt. H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *G Chairman*. ....*a* | 65 | 2 | 67 | (*a*) Sir Henry Morland was absent from India from 24th May until 15th August 1887. |
| Abdulla Meheralli Dharamsi, Esq., B.A., LL.B., *R* (B Ward) ... | 9 | 10 | 19 | |
| Arnott, J., Surgeon-Major, M.D., G.C.M., *J* ..... | 18 | 4 | 22 | |
| Barnett, G. A., Esq., C.I.E., *G*.....*b* | 11 | 4 | 15 | (*b*) Mr. Barnett resigned on the 20th October 1887 on proceeding to England, and was succeeded on the 21st December 1887, by Mr. H. Wilmot Uloth. |
| Bhaishankar Nanabhai, Esq., *J* ..... | 3 | 0 | 3 | |
| Blaney, Thomas, Esq., *J* ..... | 75 | 48 | 123 | |
| Bomonjee Pestonjee Master, Esq., *R* (C Ward)..... | 29 | 8 | 37 | |
| Byramjee Nasserwanjee Servai, Esq., *R* (E Ward) ..... | 44 | 15 | 59 | |
| Cornforth, J. P., Esq., *G* ..... | 11 | 5 | 16 | |
| Cotton, G., Esq., *J* .....*c* | 23 | 11 | 34 | (*c*) Mr. Cotton was absent from Bombay from August until November 1887. |
| Cowasjee Hormusjee, Esq., G.G.M.C., *R* (C Ward) ..... | 67 | 14 | 81 | |
| Damodar Tapidas, Esq., *G* ..... | 40 | 5 | 45 | |
| Damodár Thakersi Mulji, Esq., *R* (C Ward) ..... | 25 | 13 | 38 | |
| DeSouza, Phillip Clement, Esq., L.M., *J* ..... | 51 | 13 | 64 | |
| Dosabhai Framji, Esq., C.S.I., *J* ..... | 64 | 14 | 78 | |
| Dudbury, J. R., Esq., *R* (A Ward)..... | 68 | 12 | 80 | |
| Eknath Raghunath Narayan Khote, Esq., *R* (E Ward) ..... | 69 | 25 | 94 | |
| Fazulbhoy Visram, Esq., *R* (B Ward) ..... | 43 | 9 | 52 | |
| Freeborn, Edwin Richard, Esq., *R* (E Ward)..... | 47 | 35 | 82 | |
| Gokuldas Jugmohundas, Esq., *R* (E Ward) .....*d* | 10 | 8 | 18 | (*d*) Mr. Gokuldas died on the 1st November 1887, and was succeeded by Dr. Peterson, elected on 17th December 1887. |
| Geary, Grattan, Esq., *R* (B Ward).....*e* | 18 | 1 | 19 | |
| Gubbay, A. M., Esq. *G* ..... | 54 | 19 | 73 | (*e*) Mr. Geary was elected on 6th September 1887, in succession to Mr. Joomabhoy Lalljee, deceased. |
| Hormusjee Dadabhoy, Esq., *J* ..... | 8 | 0 | 8 | |
| Hurkissondas Narotumdas, Esq., *R* (A Ward) ..... | 30 | 12 | 42 | |
| Jalbhoy Ardaseer Sett, Esq., *R* (B Ward) ..... | 32 | 4 | 36 | |
| Sir Jamsetjee Jejeebhoy, Bart., C.S.I., *G* ..... | 10 | 0 | 10 | |
| Jamshedjee Pallonjee Kapadia, Esq., *R* (D Ward) ..... | 55 | 15 | 70 | |
| Javerilal Umiashankar Yajnik, Esq., *J* ..... | 67 | 41 | 108 | |
| Jehanghir Byramjee Murzban, Esq., *J*..... | 16 | 2 | 18 | |
| Jehanghir Cowasjee Jehanghir, Esq., *J*..... | 21 | 7 | 28 | |
| Joomabhoy Laljee, Esq., *R* (B Ward).....*f* | 10 | 1 | 11 | (*f*) Died on the 18th August 1887. |
| Kaikhusro Nowroji Kabraji, Esq., *J*..... | 28 | 19 | 47 | |

| NAMES. | Attendance at Meetings, 1887-88. | Attendance at Committee Meetings, 1887-88. | Total. | Remarks. |
|---|---|---|---|---|
| Karsandas Vallabhdas, Esq., *G* | 29 | 15 | 44 | |
| Kashinath Trimbak Telang, The Hon'ble Mr., C.I.E., *R*.... (D Ward) | 1 | 0 | 1 | |
| Kavasji Dady Limji, Esq., *J*. | 66 | 2 | 68 | |
| King, Harold, R., Esq. *G*..... | 35 | 11 | 46 | |
| Kavasji Meherwanji Shroff, Esq., *R* (A Ward) | 58 | 32 | 90 | |
| Mahomed Hussein Hakim, Esq., *G* | 67 | 5 | 72 | |
| Martin, Gerald W., Major, *G* | 69 | 44 | 113 | |
| Merewether, G. L. C., Colonel, R.E., *G*..... | 56 | 27 | 83 | |
| Mirza Hussein Khan, Esq., *G* | 28 | 8 | 36 | |
| Mulji Bhawanidas Barbhaya, Esq., *R* (D Ward)..... | 27 | 14 | 41 | |
| Muncherjee Cowasjee Murzban, Khan Bahadur, Assoc., M.I.C.E., *J* | 19 | 15 | 34 | |
| Muncherjee Nowrojee Banajee, Esq., *R* (E Ward) | 54 | 19 | 73 | |
| Nanabhoy B. Jeejeebhoy, Esq., *R* (F Ward) | 36 | 0 | 36 | (*g*) Mr. Naoroji B. Suntook draws attention to the fact that illness prevented him from appearing at several meetings. |
| Naoroji Beiramji Suntook, Esq., *R* (C Ward) ..... *g* | 38 | 24 | 62 | |
| Nuzzer Mohommed Futehally, Esq., *R* (C Ward) | 24 | 5 | 29 | |
| Peterson, P., Esq., M.A., D.Sc. *R*. (E Ward) ..... *h* | 10 | 1 | 11 | (*h*) Dr. Peterson succeeded the late Mr. Goculdas Jugmohundas, being elected on 17th December 1887. |
| Pherozeshah Merwanjee Mehta, The Hon'ble Mr. *J* | 18 | 0 | 18 | |
| Portman, A. B., Lieut.-Colonel, *J* | 28 | 2 | 30 | |
| Purshotumdas Munguldas Nathubhoy, Esq., *R* (G Ward)..... | 49 | 17 | 66 | |
| Raghunath Narayan Khote, Esq., C.I.E., *R* (D Ward) | 52 | 24 | 76 | |
| Rahimtula Mohamed Sayani, Esq., M.A., LL.B., *R* (A Ward) ... | 29 | 11 | 40 | |
| Rehemubhai Allana, Esq., *R* (B Ward)..... | 12 | 0 | 12 | |
| Rustomjee Dhunjeebhoy Sethna, Esq., B.A., LL.B., *G* ..... *i* | 17 | 8 | 25 | (*i*) Mr. Rustomjee D. Sethna was absent from Bombay from April till July 1887. |
| Rastamji Nasserwanji Khory, Esq., M.D., M.R.C.P. (London), *R* (D Ward)..... | 54 | 9 | 63 | |
| Selby, H. O., Major, R.E., *G* ..... *j* | 61 | 33 | 94 | (*j*) Major Selby was absent from Bombay on duty for some weeks. |
| Shivji Dhurmaji, Esq., *R* (E Ward) | 74 | 35 | 109 | |
| Souter, Sir Frank H., Kt., C.S.I., C.I.E., *G* | 40 | 5 | 45 | |
| Tribhowandas Munguldas Nuthoobhoy, Esq., *R* (C Ward) ..... | 50 | 21 | 71 | |
| Tribhowandas Vurjeewandas, Esq., *R* (C Ward) ..... | 29 | 4 | 33 | |
| Uloth, H. Wilmot, Esq., *G* ..... *k* | 8 | 1 | 9 | (*k*) Mr. Uloth succeeded Mr. Barnett, being appointed by Government on 21st December 1887. |
| Underwood, C. F., Esq., M.D., F.R.M.S. *R* (A Ward)..... | 9 | 3 | 12 | |
| Vandrawundas Purshotumdas, Esq., *R* (B Ward) | 36 | 8 | 44 | |
| Venayekrao Ramchunder Luxumonjee, Esq., *R* (D Ward) ..... | 11 | 5 | 16 | |
| Vishvanath Narayan Mandlik, Rao Saheb, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London.) *J* | 13 | 2 | 15 | |
| Waters, G., Surgeon-Major, L.R.C.S., L.R.C.P., *G* ..... *l* | 44 | 3 | 47 | (*l*) Surgeon-Major Waters was absent from Bombay from 1st June to 29th August 1887. |

Proposed by Sir Henry Morland, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the return of the Meetings of the Corporation and of the Committees thereof, from 1st April 1887 to 31st March 1888, and of the attendance of members thereof now laid before the Corporation, be *recorded*."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 29. "That, as recommended by the Town Council, the Acting Municipal Commissioner be authorised to apply for the sanction of the Government of India for the raising of a loan in 1888-89 of Rs. 11,82,000, made up as follows:—For Markets Rs. 5,00,000 ; for other works Rs. 6,82,000*—total Rs. 11,82,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 30. "That, as recommended by the Town Council, sanction be given to the expenditure of Rs. 3,000, from Surplus Cash Balance, to meet the cost

| * The following are the details of Rs. 6,82,000 :— | Rs. | Rs. |
|---|---|---|
| DRAINAGE— | | |
| Extension of Parel Road storm water drain to Shepherd Road ... | 33,749 | |
| Stormwater drain from Bellasis Road to Ripon Road ... ... | 23,436 | |
| Pipe sewer along Bellasis Road, Foras Road and Gilder Street ... | 29,822 | |
| | | 87,007 |
| WATER WORKS— | | |
| Concrete trench waste weir, Vehar Lake ... ... ... ... | 35,000 | |
| Mains in Frere Road ... ... ... ... ... ... ... | 17,325 | |
| ,, in various streets... ... ... ... ... ... ... | 51,475 | |
| Arthur Road connection works necessitated by the laying of Tansa 27" main ... ... ... ... ... ... ... | 13,200 | |
| Deacon's Meters... ... ... ... ... ... ... ... | 18,000 | |
| | | 1,35,000 |
| ROADS— | | |
| Cross Road at Mahaluxmi Station from Clerk Road to Haines Road ... ... ... ... ... ... ... ... ... | 23,000 | |
| Paving footpaths on the Elphinstone Estate ... ... ... | 10,000 | |
| Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street ... ... ... ... ... ... ... ... | 2,63,875 | |
| | | 2,96,875 |
| MISCELLANEOUS— | | |
| Large lamps for pedestrians crossing at Victoria Terminus ... | 10,000 | |
| Vaccination Depôt and Stables ... ... ... ... ... | 25,000 | |
| Purchase of land at Khetwadi for an Hospital for Epidemic Diseases ... ... ... ... ... ... ... ... | 67,000 | |
| Land for Chawls for Bigaries of Crawford Markets ... ... | 16,000 | |
| New Ward Office at Dadur ... ... ... ... ... ... | 16,000 | |
| Purchase of land at the Junction of DeLisle and Carroll Roads for a night-soil Depôt ... ... ... ... ... ... | 5,000 | |
| Purchase of land at the Junction of DeLisle and Arthur Roads | 23,676 | |
| | | 1,62,676 |
| | Total Rs. | 6,81,558 |

or say, Rs. 6,82,000.

of fitting up and maintaining temporary Small-pox Hospital opened in the sheds at Grant Road, formerly used for that purpose."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 31. "That, as recommended by the Town Council, sanction be given to the nominal outlay of Rs. 22,194-13-8, being the balance of the total excess over the Budget estimates for cost of water supplied for Municipal purposes during the year 1887-88."

*Carried.*

Proposed by Raghunath Narayan Khote, Esq., seconded by Thomas Blaney, Esq.—

No. 32. "That, as recommended by the Town Council, sanction be given, under the terms of Sections 156 and 294 of the Municipal Acts of 1872 and 1878, to an arrangement with Messrs. Greaves, Cotton & Co., by which, in exchange for the two pieces of Municipal ground shown in yellow colour on the tracing accompanying the Acting Municipal Commissioner's memorandum No. 17464, dated 28th February 1888, and fronting and adjoining Howard and Bullough's Mill Company's premises at DeLisle Road, admeasuring 204 square yards, or thereabout, Messrs. Greaves, Cotton & Co. give up to the Municipality two plots of land shown on the plan and coloured red, admeasuring 205 square yards, or thereabout, situate on the west of the said mill premises; the land so transferred to the Municipality being required for the improvement and future extension of Dhobiwada thereat."

*Carried.*

At this stage of the proceedings Mr. Vandrawundas Purshotumdas informed the Chairman that there were not sufficient members remaining to form a quorum. The Clerk and Secretary, having counted the members, reported to the Chairman that there was a quorum, and the proceedings then continued.

Proposed by Dosabhai Framji, Esq., seconded by Thomas Blaney, Esq.—

No 33. "That, as recommended by the Town Council, sanction be given to the transfer to Mr. Farrow of 289 square yards, or thereabout, of ground

situate at Arthur Road and shown in hatched green on the plan marked A, dated 14th March 1888, accompanying the Acting Municipal Commissioner's letter No. 18029, dated 10th March 1888, in lieu of the same area of land purported to be given to Mr. Farrow, under the terms of the Corporation's Resolution No. 465, dated 3rd July 1885, which last mentioned area the Acting Municipal Commissioner now reports is the property of Mr. Byramjee Rustomjee Mody."

*Carried.*

Shortly after 5 o'clock, it was brought to the Chairman's notice that there was not a sufficient number of members remaining to form a quorum, and the Chairman fixed Monday, the 9th instant, at 3 P.M., for the adjournment of the meeting.

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BOMBAY, *9th April* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from that day), held this day, there were present :

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYEN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART, C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKER YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJEE, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJEE BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADAR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NOWROJEE BEIRAMJI SUNTOOK, Esq.; NUZZAR MAHOMED FUTEH ALLY, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, ESQ., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the CLERK AND SECRETARY.

The signing of the minutes of the last meeting was postponed.

A letter was received from Mr. Dosabhai Framji, C.S.I., apologizing for non-attendance on account of sudden indisposition.

On the proposal of Colonel Merewether, seconded by J. R. Duxbury, Esq., the Chairman took the sense of the meeting as to whether, under the terms of No. 4 of the

Rules, priority should be given to item No. 16 on the agenda paper (relating to catch-water channels at Vehar), when it was decided that the item should have priority.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 51. "That, as recommended by the Town Council, sanction be given to the grant of Rs. 10,000, from the one lakh of rupees sanctioned for new works during the ensuing year, to defray the cost of making new catch-water channels, to the east of dam No. 3, Vehar Lake, and in continuation of the existing channel to the west of the lake, and that the Acting Municipal Commissioner be authorized to acquire such land as may be required for the work, if necessary, under the terms of the Land Acquisition Act."

*Amendment* moved by Thomas Blaney, Esq., seconded by Major Selby—

"That the recommendation made by Mr. Ollivant to dam up a portion of Kennary Valley representing a catchment area of 2½ square miles, and to lead into Vehar the water thus impounded, be referred to the Town Council for consideration and report."

On a division there were 7 votes *for* and 19 votes *against* the *amendment*, which was *lost*.

The original motion was *carried nem. con.*

Proposed by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq.—

No. 52. "That, as recommended by the Town Council, sanction be given to the following distribution of the Rs. 25,000, sanctioned in the Corporation's Resolution No. 9021, dated 8th December 1881, for the carrying out of the following works :—

| | | Rs. |
|---|---|---|
| (1) | Providing seven ventilating shafts on the drain between Wari Bandar and Carnac Bridge ... | 2,048 |
| (2) | Raising the manholes constructed by the Port Trust between Wari Bandar and the Fort Market to the level of the road ... ... | 4,619 |
| (3) | Twenty-four additional manholes considered necessary by the Health Officer ... ... | 3,526 |
| (4) | Constructing fifty water entrances between Wari Bandar and the Fort Market, to remedy the flooding which now takes place during heavy rain ... ... ... ..... | 14,773 |
| | Total ..Rs. | 24,966 |

including contingencies at 10 per cent. in each case."

On a division there were 10 votes *for* and 5 votes *against* the motion, which was *carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 53. "That, as recommended by the Town Council, sanction be given to the writing off of (1) Rs.1,939-2-9, from the Live and Dead Stock returns of the Markets and Slaughter Houses Department, being the book value, (Rs. 190-8-10), of 2 bullocks that died on the 22nd September 1887 and 1st February 1888, and the difference, (Rs. 1,569-15-6), between the book value and sale proceeds of 18 cast bullocks—total 20 ; and the book value, (Rs. 178-10-5), of the following articles recently burnt by fire at the Crawford Markets :—4 cotton mattresses, Rs. 105 ; 4 large cotton pillows, Rs. 42; teakwood godown step, Rs. 3-8-0; 1 notice board, Rs. 25-2-5 ; and 1 glass milk-tester, Rs. 3 ; and (2) Rs. 1,726-11-6, from the Live Stock return of the Health Department, being the book value of 29 bullocks that died and 1 that was destroyed—total 30—during the quarter ending 30th November 1887.

*Carried nem. con.*

Read letter No. 2911T, dated 7th March 1888, from Major Bisset, Agent, B. B. & C. I. Railway, to the Chairman of the Corporation as under :—

SIR,—I have the honor to acknowledge with thanks the receipt of your letter No. 2045 of the 18th January 1888, covering a copy of the Health Officer's report for the second quarter of 1887; and with reference to the paragraphs regarding the accommodation for sick at Railway stations, and the provision of latrines in third class carriages, I would remark that the subjects now referred to me have already received the attention of this Railway.

2. As regards the provision of latrines in third class carriages, the experiments already made have proved unsatisfactory upon the Railways upon which they have been tried, and the practice, which has been universally adopted in India, of providing stations with latrines and timing through trains to stop long enough at certain stations for natural purposes, has been found to be the most efficient and cleanly arrangement. This is the practice upon the B. B. and C. I. Railway, and I regret that I am unable to recommend that the third class carriage stock of this line should be fitted with latrines.

3. As regards the question of accommodation at Railway stations for sick passengers, I hold that the Railway Company is not bound to provide more than first aid to the sick, and for this purpose arrangements will be made to keep a supply of ordinary medicines at Railway stations to meet emergent cases. Beyond this I do not consider that

the Railway Company, as a common carrier, can be expected to undertake the charge of such persons, duties which naturally devolve upon the Government or local authorities. Moreover it is not considered desirable that persons suffering from dangerous or contagious disease should be accommodated on station premises.—I have, &c.,

W. S. S. BISSET, Agent.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 54. "That letter No. 2911 T, dated 7th March 1888, from the Agent, B. B. & C. I. Railway Company, replying to the reference made by the Corporation as to the necessity of providing proper latrine accommodation for third class passengers, and for the sanitary supervision of sick passengers at the local railway stations, be referred to the Acting Municipal Commissioner, in continuation of the Corporation's Resolution No. 2295, dated 13th February 1888."

*Carried nem. con.*

No. 55. In accordance with notice of motion by Major Selby, it was resolved that the following questions be asked :—

1. When the Water Works By-laws returned to the Town Council for revision may be expected. (See Corporation Resolution No. 1896, dated 22nd December 1887).

2. When the detailed report on the subject of overbridges over the B. B. & C. I. Railway in Bombay asked for in the Corporation's Resolution No. 1795, dated 12th December 1887, may be expected.

Colonel Merewether, on behalf of the Town Council, replied that it is considered that it would be useless to proceed with the By-laws in question, as the Municipal Act will very soon be in operation ; and under it such By-laws would be of no use.

In reply to the second question, the Acting Municipal Commissioner said that the papers in the case had been sent to the Executive Engineer for careful enquiry and report, as in a matter of so much importance as this it was very desirable that all the facts should be accurately set before the Corporation.

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 56. "That, as recommended by the Town Council, sanction be given to the variation of the contract with the Telephone Company, so far as to rescind the charge for rental on lines of Municipal telephone

connections payable under the contract, dated 28th November 1881, in consideration of the Company agreeing to reduce their annual charge for each Municipal telephone hereafter added to the present list, from Rs. 233 to Rs. 200 per annum, for connections not exceeding a distance of 2½ miles, and consenting to provide free of charge an operator for work in the Municipal Office."

*Carried nem con.*

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 57. "That, as recommended by the Town Council, sanction be given (1) to the expenditure of Rs. 1,000, from Surplus Cash Balance, to provide for the cost of offering three prizes, namely, one of Rs. 500, one of Rs. 300 and one of Rs. 200, for the best designs of dwellings for the poorer classes, and that these prizes be offered to native architects, engineers and builders ; (2) to the outlay of Rs. 200, from Surplus Cash Balance, for the cost of advertising for tenders for the prizes thus offered.

On a division, the motion was *lost*, the votes being 7 *for* and 9 *against*.

The Chairman adjourned the meeting till Thursday, the 12th instant, at 3 p.m.

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BOMBAY, *9th April* 1888.

THE adjourned Special Meeting, adjourned from the 26th ultimo, was further adjourned till Thursday, at 3-15 p.m., as the business of the adjourned Quarterly Meeting as above lasted until 5 p.m.

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BOMBAY, *12th April* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 9th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R.

KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADOOR, MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUT.-COL. A. B. PORTMAN; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq. BA., LL.B.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; TRIBHOWANDAS VURJEEWANDAS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the Quarterly and the adjourned Quarterly Meetings held on the 4th and 9th instant, and the record of the adjourned Special General Meeting called for the 9th idem, were signed.

In accordance with notice of motion, it was

Proposed by Thomas Blaney, Esq.—

"That the Town Council be requested to furnish the Corporation with an estimate of the cost of providing a few of the stalls, in the new fish market, to be erected in the Arthur Crawford Market premises, with marble slabs on which to expose the fish brought to the market for sale."

This motion was seconded by Cowasjee Hormusjee, Esq., and *carried nem con.*

Considered the following :—

*Report of the Committee of the Corporation appointed to consider the proposal to purchase the Cathedral High School and add to it—being the return to the order of the Corporation No.* 1487, *dated 7th November* 1887.

Your Committee have most carefully considered the scheme for the purchase of the Cathedral High School and the proposed additions to be made in order to convert the same into Municipal Offices and Town Hall.

In doing so your Committee have made use of the power given them under the resolution of the Corporation to take opinions outside their own body, and they wish to express their thanks to those professional gentlemen and others who have so cordially aided them with their views of the question.

The following gentlemen were good enough to favour your Committee with their opinions :—

THE ACTING MUNICIPAL COMMISSIONER.
THE HEALTH OFFICER.
THE CONTROLLER.
THE ASSESSOR AND COLLECTOR.
THE CLERK OF THE CORPORATION.
R. F. CHISHOLM, ESQ., F.R.I.B.A.
J. CAMPBELL, ESQ., F.R.I.B.A., M.S.A.
D. GOSTLING, ESQ., F.R.I.B.A.
W. CLERKE, ESQ., C.E.
J. HARGRAVE, ESQ., M.I.C.E.
E. B. CARROLL, ESQ.
ARTHUR CRAWFORD, ESQ., C.S., C.M.G.

As these opinions were given confidentially they cannot be published, but any member of the Corporation can see printed copies of them in the office of the Clerk of the Corporation, where will also be found a printed *prècis* of the whole history of the scheme for Municipal Offices, prepared by the Clerk of the Corporation and one of the Members of the Committee.

2. Your Committee have decided that the proposed scheme is not one that they can recommend for the acceptance of the Corporation.

They, however, wish it to be understood that they are not passing any opinion condemnatory of the work, or ability of the architect ; they feel that he was placed in the difficult position of having to add a large structure on to a smaller, when the latter had been designed for a different purpose.

Your Committee are of opinion that the site is not such as the Corporation should endeavour to obtain.

If the whole space at the junction of the two roads were available, there is probably no finer site in Bombay for such a building as the Corporation should erect, but the whole of the land is not procurable, and your Committee consider that the configuration of the portion which is available, is decidedly bad, it is very irregular and very confined. Your Committee are of opinion that under such circumstances it is not possible to erect a building on a site of this shape, that would be a credit to the city.

Nor whilst equally fine and convenient sites, of a better shape, with equally good foundations and wholly unencumbered with buildings are available, can your Committee recommend the Corporation to go to the expense of purchasing buildings merely to pull them down.

3. The question of noise your Committee do not think of vital importance, as it will be difficult (and more difficult every day as the city grows) to find any spot in the town which is convenient and not more or less noisy ; the question of noise will doubtless carry certain weight in deciding the relative positions of the rooms in any building for certain Municipal Officers, but it cannot be of much importance in considering the site for a building which has to be conveniently situated for the public, and to which a number of people must have constant access.

4. Your Committee are of opinion that a building added to the Cathedral High School in the manner suggested, and which must be a continuation of the school, and therefore in the same style, would not be effective. Looking down the Esplanade, it would slant to one side from the meeting of the two roads, and the other houses which would be seen as a continuation of the short wing of the High School on the opposite side, would also detract from the effect of the structure.

The view from Rampart Row of the short wing and the back of the main building broken by other houses would not be good.

The shape of the site also necessarily causes the plan of the building to be very irregular and inconvenient, and from whichever way the wind may blow, one portion or other of the building cuts off the breeze from the remainder.

Your Committee consider that the Hall is not nearly large enough for a growing city like Bombay, and it must be remembered the Hall is not intended for Corporation meetings, but for public meetings of various kinds ; the Committee rooms are the places in which the Corporation and Town Council would meet. The position of the Hall also is

not satisfactory; it is too much surrounded by the wings of the building itself and by other houses. It is cut off from the breeze on every side* and would be very hot.

Your Committee consider that a most important part of the scheme is the Public Hall, and this should be of such a size that it may be of use to future generations. It will be no economy to spare money now, if after some years the building be found too small and not suitable to the requirements of the city.

The primary object of the Hall is for public meetings, but your Committee are of opinion that it might be made use of in many other ways, such as a public reading room and free library, when perhaps wealthy and generous citizens might be tempted to give funds for the purchase of books. The organ in the present Town Hall, which is in far too cramped a position where it is, might be moved and be put in thorough repair, and perhaps even enlarged, and the Hall could be let for various purposes. Your Committee simply mention these things to show that the Hall would be of great use to the citizens quite independently of public meetings.

Your Committee refrain from any remarks on the design from an architectural point of view, simply because they think it is needless to enter into a consideration of that subject, when they are of opinion that the shape of the plan is not such as will be convenient and the surroundings of the position not such as likely to do justice to such a building as the Corporation should erect. There have been suggestions made as to the preparation of an alternative designs which your Committee have considered, but as they either do not get over the difficulty of the purchase of the High School, or, of even still more shutting in the Municipal building, they have decided to reject them. There have been views expressed, that perhaps alterations might be made or another design called for, if only the sum at present available is to be spent, but your Committee are most strongly of opinion, and are unanimous in that opinion, that it is not a desirable step, and that all thought of using the site should at once be abandoned, and that the sum itself is absurdly inadequate for a public building for this city.

5. Your Committee consider that the school is not worth two lakhs of rupees to the Municipality. The scheme can only be patch-work at the best, and can in their opinion never be satisfactory.

6. Though the sole question to which the attention of your Committee was directed, was what may be called the Cathedral High School scheme, yet as they have recommended the rejection of that scheme, they feel that the Corporation will not consider that they have exceeded their duties in venturing, as they will now proceed to do, to advise the Corporation on the steps that in their opinion of your Committee should now be taken by the Corporation for the final settlement of this question.

7. Your Committee have carefully reconsidered the whole question of site, and they unanimously recommend the Corporation to adhere to the site on the crescent opposite the Sailors' Home, which was spontaneously offered by Government and accepted by the Corporation (see the letter of the Secretary to Government, Public Works Department, No. $\frac{P}{47}$ of 1886, P. W. D., dated 20th July 1886.)

8. When first the present building was taken by the Corporation its monthly rent was Rs. 2,500, this was afterwards raised to Rs. 2,875,

* *See* plan and Appendix A.

but about seven years ago, reduced to Rs. 1,400 ; the present lease will expire in about two years, when the rent will certainly be raised. Besides this payment of Rs. 1,400 a month, the Corporation has during the last 9 years set aside various sums from current revenue which, with interest, now amount to Rs. 6,09,760. This sum, as your Committee have already stated, they deem wholly inadequate, and they recommend that any necessary balance be raised on loan for 60 years in accordance with the Resolution of the Corporation No. 892, dated 28th July 1887.

9. With regard to the cost of the buildings and Hall, your Committee are not prepared to give definite figures, because they consider that the printed requirements issued at the last competition are manifestly in need of revision, and they recommend the Corporation, as the first step, to appoint a small Committee of experts of their own body to revise these requirements as well as the general terms of the competition hereinafter spoken of. This Committee could then give an approximate estimate of the cost.

As a rough guide, however, your Committee attach tables (Appendix B) giving the actual cost of certain public buildings in Bombay and elsewhere. They also beg to point out that the various gentlemen who favoured them with opinions, gave rough estimates of the cost that in their opinions was necessary.

10. The next question your Committee considered was that of obtaining new designs. This step should, in the opinion of your Committee, immediately follow the acceptance of the report of the Committee mentioned in para. 9 of this report.

Your Committee carefully discussed three courses—

(*a*). To commission Mr. Chisholm to make new designs.

(*b*). To have an open competition.

(*c*). To have a limited competition of a few selected architects who have already established their names by the design and construction of handsome and well proportioned buildings.

Your Committee unanimously recommend the last course, that is to say, to choose three, or say, four architects of note, give them the information necessary and let them compete. Let Rs. 4,000 be offered to each one of them for their designs, and let it be understood that the person whose design is accepted, will carry out the work. Such competitions are not uncommonly conducted in this way.

It is of no use having an open competition without payment, as it would produce nothing from first-rate men ; it is of no use having an open competition with payment, as that would produce an enormous amount of designs and mostly inferior, but a limited competition, such as proposed, with payment for the designs, should produce that which is required.

Your Committee, however, do not think it within their province to say anything as to who should be employed, as that is a matter for future consideration.

They need hardly point out that the Rs. 12,000 or Rs. 16,000 so expended, would be a mere trifle compared to the magnitude and importance of the work.

11. After a design so obtained has been accepted by the Corporation and approved by Government, your Committee think that the Corporation should again approach Government and ask that a considerable space round the Municipal buildings should be kept open, the Corpo-

ration binding itself to maintain such space as a public garden and pleasure ground. They think that if Government found the Corporation were prepared to erect a really fine building on this magnificent site, they would see the desirability of keeping an open space round it (in this connection see Chairman's letter to Government, No. 715, dated 24th August 1886, and the reply of Government No. 94 P, dated 5th October 1886, P.W. D.)

12. Your Committee desire to recapitulate their suggestions.

(1).—That the present proposal regarding the Cathedral High School be rejected.

(2).—The appointment of a small Committee of experts to revise the schedule of requirements, &c., and to give an approximate estimate of cost.

(3).—A limited competition of selected architects.

(4).—An open space round the Municipal buildings.

In conclusion your Committee beg to reiterate their opinion that the sum to the credit of the building fund is wholly inadequate, and to express their opinion that if the Corporation be not now prepared to erect an office and Hall, that will be a beauty to the city, they had better take no further steps at present, but allow the building fund to accumulate at interest, rather than waste it on an insufficient and unsatisfactory building.

BOMBAY, 27*th March* 1888.

GERALD MARTIN.
DOSABHAI FRAMJI.
THOMAS BLANEY.
J. R. DUXBURY.
H. O. SELBY.
JAVERILAL U. YAJNIK.
G. COTTON.
R. M. SAYANI.
MUNCHERJEE C. MURZBAN.
G. MEREWETHER.
HURKISONDAS NUROTUMDAS.

## APPENDIX **A.**

The average number of days during eight years on which the wind blew from the various compass points.

| | | | | |
|---|---|---|---|---|
| 25 | Days | from | the N. | Point. |
| 16 | ,, | ,, | N.N.E. | ,, |
| 22 | ,, | ,, | N.E. | ,, |
| 14 | ,, | ,, | E.N.E. | ,, |
| 9 | ,, | ,, | E. | ,, |
| 8 | ,, | ,, | E.S.S. | ,, |
| 4 | ,, | ,, | S.E. | ,, |
| 5 | ,, | ,, | S.S.E. | ,, |
| 6 | ,, | ,, | S. | ,, |
| 6 | ,, | ,, | S.S.W. | ,, |
| 14 | ,, | ,, | S.W. | ,, |
| 53 | ,, | ,, | W.S.W. | ,, |
| 43 | ,, | ,, | W. | ,, |
| 43 | ,, | ,, | W.N.W. | ,, |
| 50 | ,, | ,, | N.W. | ,, |
| 37 | ,, | ,, | N.N.W. | ,, |

*Note*,—N. stands for North in the Table.
E. stands for East ,, ,,
S. stands for South ,, ,,
W. stands for West ,, ,,

## APPENDIX B.

Cost of Town Halls and Municipal Offices in England.

| Names of Cities. | Description of Buildings. | Cost of in Stirlings. | Cost in Rupees at the present rate of Exchange. |
|---|---|---|---|
| Manchester ... ... | ..... | 1,000,000 | 1,50,00,000 |
| Glasgow ... ... | Old Town Hall ... | 100,000 | 15,00,000 |
| | New Offices ... ... | 250,000 | 37,50,000 |
| Rochdale ... ... | ..... | 150,000 | 22,50,000 |
| Leeds ... ... ... | Town Hall ... ... | 130,000 | 19,45,000 |
| | Municipal Offices... | 100,000 | 15,00,000 |
| Bradford ... ... | Municipal Offices .. | 140,000 | 21,00,000 |
| | Proposed Extension | 100,000 | 15,00,000 |
| Wakefield ... ... | ..... | 80,000 | 12,00,000 |
| Liverpool ... ... | Offices ... ... ... | 140,000 | 21,00,000 |
| Birkenhead ... ... | Offices ... ... ... | 40,000 | 6,00,000 |
| Birmingham ... | Offices ... ... ... | 200,000 | 30,00,000 |
| Vienna... ... ... | Town Hall ... ... | 750,000 | 1,12,50,000 |

## APPENDIX C.

Showing the length of frontage, mean height and cost, exclusive of land, of various public buildings in Bombay.

| Names of Buildings. | Length of frontage | Height. | Mean height. | Cost. |
|---|---|---|---|---|
| | | | | Rs. |
| Sailors' Home | 274 ft.<br>97 „ | 77 ft. & 57½ ft. | 67 ft. | 3,66,629 |
| Government Central Press (New Building) | 257 „<br>177 „ | 114 „ & 84 „ | 99 | ... |
| Mechanic's Institute | 70 „<br>49 „ | 74 ft. | 7 „ | 1,25,000 |
| New Secretariat | 465 „<br>150 „<br>110 „ | 158 ft. & 100 ft. | 129 „ | 12,60,844 |
| University Hall | 123 „<br>70 „ | 105 „ & 85 „ | 95 „ | 3,79,389 |
| University Library<br>„ Clock Tower | 163 „<br>121 „ | 111 „ & 257 „ in the middle | 184 „ | 6,32,120 |
| New High Court | 460 „<br>170 „ | 180 ft. & 125 ft. | 152½ „ | 16,44,528 |
| Public Works Offices | 290 „<br>58 „<br>100 „ | 118 „ & 68 „ | 93 „ | 4,14,484 |
| Telegraph Offices | 252 „<br>55 ft. & 90 ft. | 73 „ & 93 „ | 83 „ | 2,44,697 |
| New High School | 455 „<br>127 „ | 85 „ & 65 „ | 75 „ | 5,67,576 |
| School of Art | 273 „<br>50 „<br>50 „ | 60 „ & 70 „ | 65 „ | 1,91,490 |
| Bori Bunder Station and Offices | 347 „<br>224 „ | 84 „ & 168 „ | 126 „ | ... |

In accordance with notice of motion, it was

Proposed by Thomas Blaney, Esq.—

"1. That the Report of the Committee appointed to consider the proposal for the purchase of the Cathedral High School premises, dated 27th March 1888, be *recorded* with the thanks of the Corporation to those gentlemen who assisted the Committee with their opinion and advice.

"2. That the purchase of the Cathedral High School premises is not desirable.

"3. That the following gentlemen be appointed a Committee to revise the printed requirements issued at the last competition, as well as the general terms of the competition:—Mr. Muncherji C. Murzban, Colonel Merewether, Major Selby." *

The motion was seconded by Major Selby.

At 5 o'clock, it was agreed, on the motion of Edward Richard Freeborn, Esq., seconded by Cowasji Hormusji, Esq., that this meeting do now adjourn.

The Chairman fixed Monday, 16th instant, at 3 P.M., for the adjournment of this meeting, and 3-15 on the same day for the adjourned special meeting.

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BOMBAY, 12*th April* 1888.

THE adjourned Special General Meeting, adjourned from the 26th ultimo, was further adjourned till Monday, the 16th instant, at 3-15 P.M., as the business of the adjourned Quarterly Meeting as above, lasted until 5 P.M.

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BOMBAY, 16*th April* 1888.

AT the adjourned Quarterly Meeting of the Corporation (originally called for the 4th instant, and adjourned from the 12th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L.C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUT.-

* With the consent of the meeting, the Chairman allowed the mover to modify the terms of the original notice.

COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RUSTAMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; TRIBHWANDAS MUNGULDAS NUTHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the adjourned Quarterly Meeting held on the 12th instant, and the record of the adjourned Special General Meeting called for the same day, were signed.

Considered the following motion proposed on the 12th instant, by Thomas Blaney, Esq., seconded by Major H. O. Selby—

"1. That the Report of the Committee appointed to consider the proposal for the purchase of the Cathedral High School premises, dated 27th March 1888, be *recorded* with the thanks of the Corporation to those gentlemen who assisted the Committee with their opinion and advice.

"2. That the purchase of the Cathedral High School premises is not desirable.

"3. That the following gentlemen be appointed a Committee to revise the printed requirements issued at the last competition, as well as the general terms of the competition:—Mr. Muncherji C. Murzban, Colonel Merewether, Major Selby."

*Amendment*, now moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Cowasjee Hormusjee, Esq.—

"That the Report of the Committee of the Corporation, dated 27th March last, on the question of the construction of new Municipal offices be *recorded*, with the thanks of this meeting to the Committee for their very useful representations, and to those gentlemen who are mentioned in the report as having lent valuable advice and assistance to them.

"That the Acting Commissioner be instructed to proceed forthwith with the work of arranging for the building of Municipal offices on the site at Bori Bandar already selected by the Corporation."

At 5 o'clock, on the motion of Sir Henry Morland, seconded by A. M. Gubbay, Esq., it was agreed, by 14 votes *against* 11, that this meeting do now adjourn.

The Chairman fixed Thursday, the 19th instant, at 3 P.M., for the adjournment of this meeting, and 3-15 P.M., on the same day, for the adjourned Special General Meeting.

BOMBAY, 16*th April* 1888.

The adjourned Special General Meeting, adjourned from the 12th instant, was further adjourned till Thursday, the 19th idem, at 3-15 P.M., as the business of the adjourned Quarterly Meeting as above, lasted until 5 P.M.

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BOMBAY, 19*th April* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 16th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUTENANT-COLONEL A. B. PORTMAN; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; VANDRAWANDAS PURSHOTUMDAS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S.; Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the adjourned Quarterly Meeting held on the 16th instant, and the record of the adjourned Special General Meeting called for the same day, were signed.

Considered again the following motion and amendment thereon, moved on the 16th instant :—

Proposed by Thomas Blaney, Esq., seconded by Major H. O. Selby—

"1. That the Report of the Committee appointed to consider the proposal for the purchase of the Cathedral High School premises, dated 27th March 1888, be *recorded*, with the thanks of the Corporation to those gentlemen who assisted the Committee with their opinion and advice.

"2. That the purchase of the Cathedral High School premises is not desirable.

"3. That the following gentlemen be appointed a Committee to revise the printed requirements issued at the last competition, as well as the general terms of the Competition:—Mr. Muncherji Cowasji Murzban, Colonel Merewether, Major Selby."

*Amendment*, moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Cowasjee Hormusjee, Esq.—

"That the Report of the Committee of the Corporation, dated 27th March last, on the question of the construction of new Municipal Offices be *recorded*, with the thanks of this meeting to the Committee for their very useful representations, and to those gentlemen who are mentioned in the report as having lent valuable advice and assistance to them.

No. 391.

"That the Acting Commissioner be instructed to proceed forthwith with the work of arranging for the building of Municipal Offices on the site at Bori Bandar already selected by the Corporation."

Mr. Dosabhai Framji raised the point of order, that the Bori Bandar site was not now before the Corporation, and that consequently the Hon'ble Mr. Pherozeshah M. Mehta's amendment was not in order.

The Chairman ruled that the amendment was in order as the question of sites generally was being discussed.

The Chairman took the sense of the meeting as to whether a letter received this day from the Rate-payers' Association on the question of the provision of New Municipal Offices should now be read.

It was agreed *nem con* that the letter be read.

BOMBAY, 19*th April* 1888.

THE CHAIRMAN OF THE BOMBAY MUNICIPAL CORPORATION.

SIR,—We have the honour to request that you will be good enough to lay the accompanying letter before the Members of the Corporation in their meeting to be held this day.—We have, &c., D. GOSTLING, FURDOONJEE MERWANJEE BANAJEE, Honorary Secretaries.

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BOMBAY, 19*th April* 1888.

THE CHAIRMAN AND MEMBERS OF THE BOMBAY MUNICIPAL CORPORATION.

GENTLEMEN,—As the question of the site of the Municipal Building is again under discussion by the Corporation, we, representing the rate payers of Bombay, take the opportunity of repeating what we had said before in our memorial of the 6th August 1886, that it was

highly desirable, in the interest of the rate-payers, that the original site at Bori Bandar should be fixed upon for the following reasons:—

1. The site being a central one is more convenient for the mass of the rate-payers than the proposed ones at the crescent and at the Cathedral High School.

2. If the said site at Bori Bandar were fixed upon, a considerable sum of money in shape of costs of plans and estimates would be saved to the Municipality.

3. The estimate for the buildings on the said site is for about rupees five lakhs, whereas the Cathedral School Buildings, with alterations, are estimated to cost at least 9 lakhs, and moreover, after undergoing the necessary alterations, they would not be so fit for the purpose, as a wholly new building would be, and the proposed building on the crescent site would cost, as is feared, at least 12 to 15 lakhs.

4. The foundation-stone of the building has been already laid with great *éclat* at a cost of about rupees ten thousand, by the hands of our late Viceroy, the Marquis of Ripon, and the feeling is very strong among the general body of rate-payers that the new Municipal building should be erected on the identical spot.

We beg most respectfully to express our opinion that it is not desirable that the money of the rate-payers should be allowed to be wasted by choosing more expensive sites and making more expensive building than what has been originally fixed upon.

We need hardly say that in deciding upon the site and the plan, the comfort and convenience of the rate-payers, coupled with reasonable economy, should be more studied, than the desire, that some may indulge in, of making the building, at whatever sacrifice of the rate-payers' money as grand and showy as possible so as to make it the envy of not only the sister Presidencies, but of the best and proud cities of Great Britain and Europe.

We trust that this appeal, on behalf of the rate-payers, will meet with due consideration at your hands, and that you gentlemen who are the trustees of their money, will not allow it to be wasted.—We beg, &c., DAVID GOSTLING, FURDOONJEE MERWANJEE BANAJEE, Honorary Secretaries, Bombay Rate-payers' and Residents' Association.

I sign this memorial in my official capacity as Joint Honorary Secretary of the Association. My private opinion has been given in my replies to the questions asked by the Committee appointed by the Corporation.—D. GOSTLING.

*Second amendment*, now moved by Hormusjee Dadabhoy, Esq., seconded by Fazulbhoy Visram, Esq.—

"1. That the Resolution of the Corporation passed on 13th June last, respecting the construction of a Municipal Hall and Offices on the oval, be rescinded."

"2. That Government be asked to obtain for the Corporation the site of the Cathedral High Schools, together with the buildings thereon, and to grant the Corporation the additional area of land with frontage on the Esplanade Main Road as may be requisite for the extension of the

present buildings to adapt them for Municipal Offices; the buildings to be taken over at the price which they have cost and the land required to be granted to the Municipality at the same price as that fixed for the previous sites at Bori Bandar and opposite the Sailors' Home.

"3. That, as the Cathedral High Schools have been designed by the Government Architect, Government be requested to allow the same gentleman to complete the design for the new Municipal Hall and Offices, and that in the event of Government not complying with this request that Mr. F. W. Stevens, F.R.I.B.A., is hereby appointed Architect to prepare designs and drawings at an honorarium of Rs. 5,000, and in the event of the same being approved that he be appointed to carry out the work on the usual architect's terms.

"4. That the Acting Municipal Commissioner be requested to abandon any further action with regard to the preparation of plans for the site opposite the Sailors' Home, and that in the event of Government acceding to the request abovenamed, the Acting Municipal Commissioner be requested to cause all measures for the construction of Municipal Offices to be taken in hand and proceeded with to completion at the earliest practicable date."

At 10 minutes before 5 o'clock, Captain Sir Henry Morland moved the adjournment of the meeting.

The Hon. Mr. Pherozeshah M. Mehta raised the point of order that Sir Henry Morland could not move the adjournment as he had already spoken and resumed his seat.

The Chairman ruled that Sir Henry Morland would not be in order in moving the adjournment.

It was then proposed by Fazulbhoy Visram, Esq., seconded by Harkisondas Narotamdas, Esq.—

That this meeting do now adjourn.

On a division, the motion was lost by 13 votes against 21.

The debate was then continued.

Sir Henry Morland was reading a letter, when it was objected that this introduced new matter into the debate, and the Chairman requested that the letter might not be quoted from on that ground, and further ruled that no private letter or document should be quoted from unless the

member wishing to quote from it undertook to lay it on the table for reference by any other member during the debate.

With the permission of the Chairman and the consent of the meeting the second amendment was *withdrawn.*

On a division, there were 20 votes *for* and 11 *against* the first *amendment,* which was *carried* as a substantive proposition, the votes being 21 *for* and none *against.*

The meeting then separated, and the Chairman fixed Monday, the 23rd instant, at 3 P.M. for the adjournment of this meeting, and 3-15 P.M. on the same day, for the adjourned Special General Meeting.

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BOMBAY, 19*th April* 1888.

THE adjourned Special General Meeting (originally called for the 8th ultimo, and adjourned from the 16th instant,) appointed for this day, was not held, as the business of the adjourned Quarterly Meeting as above lasted until the Corporation separated.

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BOMBAY, 23*rd April* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 19th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN, GEARY, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJEE MERWANJEE SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.O.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; SHIVJI DHURMAJI, Esq.; H. WILMOT ULOTH, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The signing of the minutes of the adjourned Quarterly Meeting held on the 19th instant, and the record of the adjourned Special General Meeting called for the same day, was postponed.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"That the Town Council be requested to report to the Corporation what effect has been given to the third portion of the Resolution of the Corporation, No. 1601, dated 21st of November last, *viz.*, the making provision for erecting a line of shops over the northern arcade of the Crawford Market."

No. 457.

This motion was seconded by Javerilal Umiashankar Yajnik, Esq., and *carried.*

In accordance with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

"That, as recommended by the Town Council, sanction be given to the sale of building materials of the chawls (lately purchased and pulled down for the extension of the Erskine Road Market) for Rs. 4,015, as per lists accompanying the Acting Municipal Commissioner's memorandum No. 18810, dated 23rd March last."

No. 458.

This motion was seconded by Thomas Blaney, Esq., and *carried.*

In accordance with notice of motion, it was—

Proposed by Sir Henry Morland—

"That letter No. 19117, dated 26th March 1888, from the Acting Municipal Commissioner, relative to the rate of compensation awarded by the Collector of Bombay to the Swimming Bath Committee, for ground required for the extension of Mahaluxmi Battery be read and considered."

This motion was seconded by A. M. Gubbay, Esq., and *carried.*

Read letter No. 19117, as above:—

SIR,—With reference to the Resolution of the Corporation, No. 2013, dated 12th January last, I have the honour to state that the Collector of Bombay, after hearing what the Bath Committee had to say, has awarded 8 annas a square yard for the ground required. The Swimming Bath Committee are of opinion that the rate offered by the Collector is a low rate, and say that they have not sufficient funds to incur the expense of appealing to the High Court against the award, but they expect the Corporation to do it as Trustees. The Collector of Bombay is pressing for an answer whether his offer is accepted or not, and it is for the Corporation to decide whether they will abide by the Collector's award or incur the expense of disputing it in the High Court.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

With the consent of the meeting, the following was also read :—

BOMBAY, 21*st March* 1888.

To the Acting Municipal Commissioner.

SIR,—In reply to your memo. of 16th instant (No. 18450 of 1887-88) I am directed by the Committee to thank you for the same and to communicate to you the following remarks of the Committee thereon :—

1. The Committee very strongly incline to the same opinion as that entertained by yourself as to the inadequacy of the rate of 8 annas offered by the Collector. 2. At the same time they wish expressly to point out that there are no funds in their hands available for the purposes of a law suit. The Bath, indeed, is already in debt to many members of the Committee. The Committee recognise no obligation to provide funds out of their own pockets for the purpose of trying this question. The Corporation, and not themselves, are the trustees of this property, and the persons responsible to the beneficiaries, the European public of Bombay, for the due protection of their interests. As such trustees the Corporation, and they alone, are the persons "entitled to act" under the provisions of the Land Acquisition Act (*viz.*, para 3). 3. The Committee are not aware of anything which would justify the Corporation in declining to exercise in the matter of their trust the care and diligence usually required of trustees; and they cannot but hope, therefore, that the Corporation will not, on reflection, take quite the view of their position and responsibility in this matter, which you seem to anticipate. In this belief they venture to urge on the Corporation the advisability before accepting the offer of the Collector of taking the best available legal opinion as to the soundness or otherwise of the conclusion come to by the Collector—that this land has no "market value" in their hands—and generally, as to the chances of success in holding out for a higher award. A favourable opinion would probably lead to suitable terms being arranged with the Collector; an unfavourable one would be ample warrant to the Corporation for immediately closing with the offer now made to them. The researches of some members of the Committee into this somewhat nice question, has but led them to entertain grave doubts as to the soundness of the conclusion come to by the Collector. 4. It is more than probable that the opinion of the Advocate-General has been taken in this matter by Government, and the Committee suggest that it would be as well to ask the Collector to furnish a copy of such opinion if it exists. The Collector could hardly refuse to do this, since the Government which he represents is the creator of this public trust which it is the Corporation's duty to protect. 5. With these remarks and suggestions, the Committee must leave the matter entirely in the hands of the Municipal Commissioner and the Corporation.—I have, &c.,

JOHN C. ANDERSON,
Actg. Hon. Secretary, Breach Candy Swimming Bath.

Proposed by Dosabhai Framji, Esq., seconded by Grattan Geary, Esq.—

"That, with reference to the taking up of ground at Breach Candy for the Mahaluxmi Battery, Counsel's

opinion (Mr. Farran's) be taken as to the soundness or otherwise of the conclusion come to by the Collector of Bombay, *viz.*, that this land has no 'market value' in the hands of the Corporation or of the Swimming Bath Committee and generally on their claims for a higher rate being paid for the land taken from the Swimming Bath property."

*Withdrawn.*

Proposed by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Grattan Geary, Esq.—

"That, in reply to their letter, dated 21st March 1888, the Committee of the Breach Candy Swimming Bath be informed that the Corporation will contest the award made by the Collector of Bombay, if the Committee will undertake to indemnify the Corporation against all cost of litigation, as well as of the cost of any opinion which it may be desirable to take before contesting the award.

No. 459.

"That in case the Committee decline to accept this proposal, the Acting Municipal Commissioner be authorized to accept the award made by the Collector."

*Amendment*, moved by Hormusjee Dadabhoy, Esq., seconded by Jehangir B. Murzban, Esq.—

"That the Corporation accept the award of the Collector, and that the Swimming Bath Committee be informed that the Corporation distinctly decline to take any action in the matter or to interfere with the Collector's award in any way."

On a division, there were 2 votes for the amendment which was *lost*. The original motion was *carried nem con.*

In accordance with notice of motion, it was—

Proposed by Sir Henry Morland—

"That letter No. 1039, General Department, dated 29th March 1888, from Mr. Chief Secretary Nugent, asking that Government may be favoured, as early as possible, with the views of the Corporation on the several recommendations made by the Bombay Extension Committee, be read and considered."

Eknath Raghunath Khote, Esq., seconded the motion.

Mr. Mehta pointed out that the proposition before the meeting constituted a grave and somewhat dangerous departure from the rules and practice of the Corporation, in such matters, which were that when a paper or document

was the subject of business, a substantive proposition was moved regarding it, thus enabling the Corporation fairly to discuss it. A proposition like the present would give a new power in the hands of a simple majority to prevent the consideration of a matter altogether.

The Chairman stated that he fully agreed with Mr. Mehta, and the point had already occurred to him (the Chairman). The agenda paper, containing the notice of motion in question, had been drawn up and issued before his time, but he would see in future, that the original practice of the Corporation, which he approved of, was adhered to.

On a division, the motion was *lost*.

Proposed by Thomas Blaney, Esq., seconded by Jamshedjee Pallonjee Kapadia, Esq.—

"That the consideration of the following notice of motion by Major Selby, be deferred:—

'That the Municipal Bill as finally passed by the Legislative Council be referred to the Committee of the whole Corporation for advice on the following points :—

(*a*) Whether it is desirable to take further steps to try and obtain the further amendment of the Bill before it become law? If not—

(*b*) What resolution it is desirable for the Corporation to record—

(1) Regarding the defects still remaining in the Bill.

(2) Regarding those advances which, in the opinion of the Corporation, should have been made.'"

*Carried* by 8 votes *against* 3.

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BOMBAY, *23rd April* 1888.

THE adjourned Special General Meeting (originally called for the 8th ultimo and adjourned from the 19th instant), appointed for this day, was adjourned for want of a quorum of members until Wednesday, the 25th instant, at 3 P.M.

BOMBAY, 25*th April* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 8th ultimo, and adjourned from the 23rd instant, for want of a quorum of members), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KARSANDAS VALLABHDAS, Esq; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SANTOOK, Esq.; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGALDAS NUTHOOBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq.; SHIVJI DHURMAJI, Esq.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; SURGEON-MAJOR GEO. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the CLERK AND SECRETARY.

The minutes of the adjourned Quarterly Meeting held on the 19th instant, and the record of the adjourned Special General Meeting called for the same day, were signed.

In accordance with notice, it was proposed by Kavasji Meherwanji Shroff, Esq.—

No. 643. "That the Acting Municipal Commissioner be asked to furnish information whether the part of the Crawford Markets recently burnt down by fire was insured, and, if not, to state why Municipal properties are not insured; the damage caused by the recent fire being put down at Rs. 31,000.

"(2.) That this Corporation request the Town Council to consider the desirability of insuring all the Municipal properties, and to ascertain what amount of premium the Municipality will have to pay if all its buildings are covered by insurance."

This motion was seconded by Raghunath Narayan Khote, Esq.—

The first part of this motion having been *carried*, the Acting Municipal Commissioner explained that Municipal buildings are not insured; and said that immediately after the fire at the Markets he made enquiries in the matter and learned that Mr. Ollivant had considered the subject and came to the conclusion that it was hardly worth while for

the Municipality to insure its properties from loss by fire. In an experience of twenty years, only one loss had occurred to them from fire—that at the Crawford Markets—where damage was done to the amount of Rs. 31,000. Taking the value of the market property at 17 lakhs of rupees, and the rate of insurance thereon at the rate of one-quarter of a rupee per cent., the premia paid by the Corporation would have amounted during that period to Rs. 81,000, or between Rs. 4,000 and Rs. 5,000 a year.

However, as soon as a statement could be completed of the cost of insuring all Municipal property which might be injured by fire, the statement would be placed before the Town Council.

The second part of the motion was also *carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 644. "That sanction be given to the expenditure of Rs. 5,612, (as per detailed statement No. 13A), for the cost of constructing new night-soil depôt at the south end of DeLisle Road, to the debit of the one lakh of rupees for new works sanctioned from current revenue; the charge to be paid from available balances, to be adjusted against the one lakh of rupees."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 645. "That sanction be given to the expenditure of Rs. 11,503 to the debit of loan charges to provide for the cost of the following works:—

| | |
|---|---|
| Purchase of 5,000 square yards of land at one rupee per yard near the junction of DeLisle and Carroll Roads, as the site for a night-soil depot.. | Rs. 5,000 |
| Filling of such land ..... | ,, 6,503 |

the charge to be paid from available balances to be hereafter adjusted against loan charges."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 646. "That sanction be given to the expenditure of Rs. 12,000 (as per detailed statement No. 13A) for the purchase of open spaces to the debit of the one lakh of rupees for new works sanctioned from

current revenue ; the charge to be paid from available balances, to be hereafter adjusted against the one lakh of rupees."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 647. "That sanction be given to the expenditure of Rs. 5,000 (as per detailed statement No. 13A) for cost of additions and alterations to the bungalow at Vehar to the debit of the one lakh of rupees for new works sanctioned from current revenue; the charge to be paid from available balances, to be hereafter adjusted against the one lakh of rupees."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 648. "That sanction be given to the expenditure of Rs. 5,000 (as per detailed statement No. 13A), for cost of rooms over the sluice houses of the Vehar and Tulsi mains, to the debit of the one lakh of rupees for new works sanctioned from the current revenue ; the charge to be paid from available balance to be hereafter adjusted against the one lakh of rupees."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 649. "That sanction be given to the expenditure of Rs. 22,700, to the debit of loan charges to provide for the cost of the following :—

| | |
|---|---|
| Land for Chawls for the bigaries employed to clean the Arthur Crawford Markets..... | Rs. 16,000 |
| Building the Chawls..... | „ 6,700 |

the charge to be paid from available balances, to be hereafter adjusted against loan charges."

*Carried.*

Proposed by Colonel Merewether, seconded by Dosabhai Framji, Esq.—

"That sanction be given to the expenditure of Rs. 3,240, (as per detailed statement No. 13A), for cost of new lamps for lighting Wellington Fountain ; to the debit of the one

lakh of rupees for new works sanctioned from current revenue. The charge to be paid from available balances to be adjusted against the one lakh of rupees."

*First amendment*, moved by J. R. Duxbury, Esq., seconded by Grattan Geary, Esq.—

"That the Wellington Fountain be removed from its present site.

"That the Town Council be requested to furnish the Corporation with an estimate of the cost of removing the fountain."

*Second amendment*, moved by Muncherjee Nowrojee Banajee, Esq., seconded by Lieutenant-Colonel Portman—

"That the Acting Municipal Commissioner be requested to enquire into the question of the ownership of the fountain with a view to it being ascertained from Government whether in their opinion the fountain should be removed.

"And that if the removal takes place what the cost of removal and re-erection will be.

"And further, whether Government will provide another free site for the fountain."

*Third amendment*, moved by Sir Henry Morland, seconded by Kavasjee Meherwanjee Shroff, Esq.—

No. 650. "That the question of the lighting of the Wellington Fountain be postponed for six months, and that in the meantime the Acting Commissioner be requested to obtain information as to the ownership and the best means of dealing with the fountain."

The first and second amendments and the original motion were *withdrawn* in favour of the third amendment moved by Sir Henry Morland, which was *carried nem con.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 651. "That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be now given to the expenditure of Rs. 18,000 to provide for the cost of Deacon's meters; the cost to be met from available balances to be adjusted to the debit of the said loan."

*Carried.*

With the permission of the Chairman and the consent of the meeting, the two following items, recommended by the Town Council for sanction, were *withdrawn*:—

No. 652. Rs. 10,000, to provide for the cost of paving footpaths on the Elphinstone Estate, to the debit of the one lakh of rupees; and Rs. 10,000, for the erection of large lamp at the Victoria Railway Terminus with branches and with refuge for pedestrians.

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 653. "That, subject to the sanction of Government being obtained to the raising of the necessary loan, and subject to the plans and designs of the new building being approved by the Town Council, sanction be now given to the expenditure of Rs. 16,000, to provide for the cost of ward office at Dadar; the charge to be met from available balances, to be adjusted to the debit of loan charges."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be now given to the expenditure of Rs. 67,000, to provide for the purchase of land at Khetwadi for an hospital for epidemic diseases; the cost to be met from available balances, to be adjusted to the debit of the said loan charges."

With the consent of the meeting, the following was read :—

No. 248 of 1888. GENERAL DEPARTMENT,
BOMBAY CASTLE, *23rd January* 1888.

To THE CHAIRMAN, MUNICIPAL CORPORATION, Bombay.

SIR,—In 1886 Khan Bahadur Muncherji C. Murzban submitted an offer of Rs. 60,000, made by some of his friends, for the construction of an hospital for infectious diseases in Bombay. The Municipal Commissioner for the City of Bombay having been consulted on the subject, expressed his opinion that the best site for an hospital for cholera, small-pox and measles would be near Khetwady. As it was considered that the whole cost of the construction, &c., of the hospital would greatly exceed the promised gift of Rs. 60,000, Mr. Murzban was asked whether the donor of the Rs. 60,000 would be willing that the money should be spent in the acquisition of a site. In reply Mr. Murzban in his letter, dated 8th August 1887, to the address of the Surgeon-General with the Government of Bombay stated that the donor had no objection

to the money being spent either on the acquisition of a site or on the construction of buildings, provided a suitable hospital for the treatment of such infectious diseases as cholera, measles, small-pox, diptheria, scarlet fever, &c., was provided, and maintained in perpetuity, and added that the conditions on which the offer was made are—

(I.) That the hospital shall bear the name of the donor ;
(II.) That it shall be open to all classes of the community without regard to caste or creed ; and
(III.) That a portion of the building shall be of a permanent nature in which a tablet should be placed in a conspicuous position stating the name of the donor.

2. The Collector of Land Revenue, Customs and Opium, Bombay, was accordingly asked to report whether it was possible to procure a site for the sum specified in the locality of Khetwadi. Mr. Campbell has now reported that it probably could not be had for less than Rs. 66,000, and Mr. Murzban, in reply to a further reference, has stated that though more than Rs. 60,000 cannot be given from the Trust Fund the Trustees themselves have, at his request, agreed to give an additional sum of Rs. 6,000. I am now directed to request you will be good enough to ascertain whether the Corporation are willing to build and maintain an hospital on the conditions specified in Mr. Murzban's letters quoted in paragraph 1 above.

3. I am to invite attention to the Resolutions of Government, noted in the margin, on the subject which have already been communicated to the Municipal Commissioner for the City of Bombay.—
I have, &c., J. DE C. ATKINS, Under-Secretary to Government.

Government Resolution No. 2165, dated 27th July 1887.
Government Resolution No. 2555, dated 29th August 1887.

*Amendment*, moved by Colonel Merewether, seconded by Kavasjee Meherwanjee Shroff, Esq.—

"That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be now given to the expenditure of Rs. 67,000, to provide for the purchase of land at Khetwadi for an hospital for epidemic diseases ; the cost to be met from available balances, to be adjusted to the debit of loan charges.

"That the offer of Rs. 66,000, from the trustees of an deceased gentleman towards the cost of the hospital be accepted; leaving the resulting reduction to be made in the Budget grant when the actual cost of the site is known."

*Amendment*, moved by Sir Henry Morland, seconded by Shivjee Dhurmajee, Esq.—

"That the further consideration of the establishment of an hospital for infectious diseases, be postponed."

No. 654.

On a division, the amendment was *carried*.

Proposed by Dosabhai Framji, Esq., seconded by Kavasji Dady Limji, Esq.—

No. 655.

"That, as the total amount now sanctioned to the debit of one lakh of rupees from current revenue, for new works, is Rs. 1,24,082, on account of two items, each under Rs. 20,000, and aggregating Rs. 30,525, having been sanctioned to the debit of the one lakh, the Corporation will be prepared, on the recommendation of the Town Council, three months after the date of sanction to the expenditure of Rs. 30,525, to transfer these two items to the debit of Loan Work charges, by which arrangement the total amount sanctioned for the New Works to the credit of current revenue will come within the one lakh, namely, Rs. 93,557."

*Carried.*

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BOMBAY, 30*th April* 1888.

AT the Special General Meeting of the Corporation of Bombay, held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DE-SOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; and the CLERK AND SECRETARY.

The minutes of the adjourned Quarterly Meeting held on the 23rd instant, and the record of the adjourned Special General Meeting called for the same day, were signed.

Read the following :—

4*th April* 1888.

MY DEAR BARROW,—Will you kindly intimate to the Chairman that I find myself compelled, to my great regret, to sever my connection with the Corporation, and that accordingly I hereby resign my seat.—Yours truly, P. PETERSON.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That letter dated 4th April 1888, from Dr. P. Peterson, resigning his seat in the Municipal Corporation, be *recorded*, with the expression of the Corporation's regret at the severance of that gentleman's connection with the Municipality."

No. 656.

*Carried.*

With the consent of the meeting, the Chairman gave priority to the following motion of which notice had been given regarding the renewal of lapsed grants for 1887-88.

Proposed by Dosabhai Framji, Esq.—

"That, as recommended by the Town Council, sanction be given to the renewal of lapsed grants for 1887-88, under certain Budget heads, the amounts of the sums so renewed to be reported to the Council, when the accounts for the past year are closed."

This motion was seconded by Cowasjee Hormusjee, Esq.

*Amendment* moved by Jamshedjee Pallonjee Kapadia—

"That the consideration of the list of lapsed grants be postponed till next meeting."

*Not seconded.*

It was objected that the Corporation having no details before it, was not in a position to dispose of the motion, which was accordingly not *carried*.

No. 657.

Proposed by Sir Henry Morland, seconded by F. C. DeSouza, Esq.—

"That, without prejudice to the rights of the Corporation and as recommended by the Town Council, sanction be given to the payment of Rs. 1,500, from surplus Cash Balance, to provide for the cost of removing water and gas mains from that part of Nepean Sea Road, which is to be made over to Mr. Jehangir Cowasjee Jehangir Readymoney, and to the relaying of the mains on the new roadway which has been constructed at the spot in question."

No. 658

With the consent of the meeting, the following letter from Mr. Ollivant to the Acting Commissioner was read:—

31, WEYMOUTH STREET, PORTLAND PLACE, LONDON, W.,
*March 23rd* 1888.

MY DEAR CHARLES,—You will, of course, bear in mind that I am under the disadvantage of having neither official persons nor papers

to refer to, and that my mind has not been occupied for a long time with the consideration of the Nepean Sea Road and the Readymoney house improvement.

According to my recollection, the estimate of the alteration was brought up by Mr. Kaikhosru, from the Engineer's Department, and this, with the value of the land and arrangements for obtaining material, was discussed with Mr. Jehangir in my presence. The terms then agreed upon were, to the best of my belief, fully discussed at a meeting of the Town Council and embodied in a resolution of that body.

When I returned to India, I have an idea that Mr. Jehangir did wish to get some alteration of terms made, but that the whole matter was satisfactorily and finally settled ; but I think Mr. Kaikhosru ought to know all that passed from first to last, as he was the agent chiefly employed.

I have no recollection of any demand having been made by Mr. Jehangir that gas and water pipes should be removed from the old roadway on its becoming his property nor of any estimate having been prepared or discussed in that behalf. I know there are many instances in Bombay where the public pipes do pass through private property, and if I remember rightly, there is some provision in the present Municipal Act on this subject. I believe it was the intention of Mr. Jehangir to convert the newly acquired space into garden or carriage drive, and so the location of the pipes may have been deemed of no importance. However this may be, I can only say that to the best of my recollection, this question was never discussed before me either from the point of view of the Engineer's Department or of Mr. Jehangir. From what I have said before I do not mean to imply that Mr. Jehangir acted in any way unfairly, but merely that, as the question of terms received prominent attention, it is most unlikely if any agreement had been made relating to the removal of pipes, or if such wholesale removal had *then* been considered necessary in the interests either of the Engineer's Department or of Mr. Jehangir, that mention of such circumstance would have been omitted.

I am afraid this is all I can venture to say on the subject. The accompaniments to your letter are returned herewith.—Yours sincerely, E. C. K. OLLIVANT.

*Amendment* moved by Surgeon Major Waters, seconded by Navrojee Beiramjee Suntook, Esq.—

"That the consideration of the question of the roadway in front of Mr. Jehangir Readymoney's house be postponed until the Corporation have before them the result of the enquiry into the matter by Mr. Charles as asked for by the Town Council."

On a division, the votes were recorded as under :—

| | *For* | *Against.* | |
|---|---|---|---|
| Amendment..... | 2 | 16 | *Lost.* |
| Original motion ..... | 19 | 2 | *Carried.* |

On the proposal of Major Selby, the Chairman, with the consent of the meeting, and under No. 4 of the Rules, gave

priority to item 8 of the agenda paper of this meeting, relative to the period for the repayment of the loans in question.

Proposed by Major H. O. Selby, seconded by the Hon'ble Mr. Pherozeshah M. Mehta—

No. 659.

"That the papers regarding the Tansa Water Works Loan be referred to a Committee composed of the gentlemen mentioned in para. 2 of this Resolution with a request that the Committee will draw up and submit to the Corporation, a letter on the subject, for submission to the Government of India and Her Majesty's Secretary of State in Council of India. Four to form a quorum. The Committee to have power to call for Municipal persons and papers and to consult the Chamber of Commerce, or any other body or person that they may think fit.

2. COMMITTEE.—SIR HENRY MORLAND, *Chairman*—Members: MR. G. COTTON; MR. H. R. KING; DR. T. BLANEY; MR. H. W. ULOTH; MR. J. R. DUXBURY; COL. G. L. C. MEREWETHER; MR. A. M. GUBBAY; MR. DOSABHAI FRAMJI; MR. JAVERILAL U. YAJNIK; MR. RAGHUNATH N. KHOTE; MR. MUNCHERJEE NOWROJEE BANAJEE; MR. SHIVJI DHURMAJI; MR. ABDULA MEHERALY DHURUMSI, and MAJOR H. O. SELBY.*

"And that in the meantime sanction be given, as recommended by the Town Council, to an additional grant of Rs. 9,400, from Surplus Cash Balance, to meet extra cost of Sinking Fund and interest instalments of the Rs. 12,00,000, Drainage and Water Works Loan, and new Loan of Rs. 6,82,000 (last sanctioned loan), the Government of India having refused to allow the loans to run for 60 years, and ordered that these and future loans are not to run for more than 40 years."

The motion was *carried nem con.*

The meeting then separated, and the Chairman fixed Thursday, the 3rd proximo, at 3 P.M., for the adjournment of this meeting.

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BOMBAY, *3rd May* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 30th ultimo and adjourned from that day), called for this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.;

* Major Selby's name was added on the proposal of Mr. Javerilal U. Yajnik.

PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMMED FUTEHALLY, Esq.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman, at 30 minutes past 3 P.M., adjourned the meeting to 3 P.M., on Monday, the 7 instant.

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BOMBAY, *7th May* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 30th ultimo and adjourned from the 3rd instant, for want of a quorum of members), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMMED FUTEHALLY, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; H. WILMOT ULOTH, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER, and the CLERK AND SECRETARY.

The minutes of the adjourned Special General and of the Special General meetings held on the 25th and 30th ultimo, and the record of the adjourned Special General meeting called for the 3rd instant, were signed.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 994. "That, as recommended by the Town Council, sanction be given to the outlay of Rs. 3,120, from Surplus Cash Balance, to meet the pay of an attendant

* NOTE.—On the quesion of the signing of the record of the meeting called for the 3rd instant, the feeling was expressed that, when a meeting has to be postponed for want of a quorum, only the names of those gentlemen should be recorded, who are actually present at the time when the meeting is adjourned.

at Rs. 10 per mensem, and the supply of wood for the cremation of the bodies of Hindu paupers and out-castes at Haines Road cemetery, as per Corporation's Resolution No. 1480, dated 3rd November 1887."

*Carried.*

Proposed by Sir Henry Morland, seconded by Shivjee Dharmajee, Esq.—

No. 995. "That, as recommended by the Town Council, sanction be given to the improved line shown on the tracing marked A, dated 11th April 1888, accompanying the Acting Municipal Commissioner's letter No. 178, dated 6th April 1888, as the future line of Church Gate Street."

On a division, there were 14 votes *for* and 1 *against* the motion, which was *carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Dosabhai Framji, Esq.—

No. 996. "That, as recommended by the Town Council, sanction be given to the expenditure of Rs. 7,275, from Surplus Cash Balance to meet the cost of 2,425 square yards, or thereabout, of Government land at Malabar Hill, required for the future extension of the filter beds there, at Rs. 3 per square yard."

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 997. "That, as recommended by the Town Council in their Resolution No. 87, dated 11th April 1888, sanction be given to the laying out of the Tulsi pipe line from the south side of Fergusson Road to Haines Road as the line of a future public thoroughfare.

"(2.) That the present construction by the Britannia Mills Co., Ld., at their own expense, of the portion of such road (350 lineal yards, or thereabout), as they propose to make, in order to give access to the Company's Mill, be sanctioned in view to the said portion being eventually taken into and made to form part of the future road.

"(3.) That the construction of such part of the road be made entirely at the cost of the Company, and that they give a written undertaking that they will claim no compensation whatever when the road is finally taken over by the Municipality, or at any other time.

"(4.) That the portion of roadway to be made by the Company be constructed under the orders of the Municipal authorities, and that it be maintained to the satisfaction of the Municipal Commissioner.

"(5.) That the Company shall not claim any title whatever to the Municipal ground over which this portion of the road will pass.

"(6.) That the Company shall always permit the public to make use of this road as if the same had been made by the Municipality.

"(7.) That the Municipal officers shall be at perfect liberty to make any alterations or repairs they may find necessary at any time to the Tulsi pipe line lying in that part of the road which is now to be constructed by the said Company."

*Rider* moved by Thomas Blaney, Esq.—

"That the necessary legal document be prepared, executed and registered at the expense of the Company."

This rider was accepted as a part of the original proposition which, as thus amended, was *carried.*

Considered the Town Council's Resolution No. 91, dated 11th April 1888, as follows :—

"That, with reference to its Resolution, dated 19th December 1887, the Corporation be informed that the Town Council recommend that a grant-in-aid towards Female Medical Education, of Rs. 80 per mensem, or Rs. 960 per annum, be made, commencing from the year 1888-89."

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Town Council, in their Resolution No. 91, dated 11th April 1888, sanction be given to the making of a grant-in-aid towards Female Medical Education, of Rs. 80 per mensem, or Rs. 960 per annum, commencing from the year 1888-89.

No. 998.

"That the Chairman be requested to inform Government accordingly, with reference to its letter No. 2827, General Department, dated 19th September 1887."

On a division, there were 16 votes *for* and 3 *against* the motion, which was *carried.*

Read the following :—

19, BORBHAT LANE,

BOMBAY, 16*th January* 1888.

THE CHAIRMAN OF THE MUNICIPAL CORPORATION.

SIR,—We, the undersigned residents of Borbhat, beg respectfully to bring to the notice of the Corporation the great nuisance due to the privies and cesspools in the locality, from which we have been suffering since the erection of four or five new chawls there,—the properties respectively of the late Mr. Haji Ismail Haji Habib, and of the late Jivanji Maharaj. This nuisance, we submit, has now become intolerable. The locality, once comparatively healthy and never subject to outbreaks of an epidemic character, is now by over-population and the existence of the cesspools in question, rendered doubly unsafe from a sanitary point of view, and such outbreaks are not now an unusual occurrence. Several medical men, who have been consulted in the matter (whose certificates we can produce if required) have pronounced the cesspools (shown in green in the annexed tracing) as a standing danger to public health in the locality. Dr. Davidson, late Acting Municipal Health Officer, having personally inspected the place, satisfied himself about the grave character of the nuisance complained of. Various representations have during the last few years been made both to the Health Department and to the Municipal Commissioner, but they have, whilst acknowledging the reasonableness of our complaint, confessed their inability to mend matters at present. The Commissioner stated, so far back as July 1885, "That Borbhat Lane is "included in the district dependent on the Queen's Road sewer, and "until the pipe sewers in this district are laid, nothing can be done in "the matter ; because the locality referred to is included in that "district." A representation made to the Town Council over 5 years ago (in March 1882) also proved abortive.

In now approaching the Corporation, we would respectfully submit for the consideration of that body, whether this nuisance should be allowed to continue a day longer than is absolutely necessary. The laying of sewer pipes, as far as the Queen's Road drain is concerned, is a matter that will, we submit, perhaps take a year or more to settle. Meanwhile, we think it is quite possible to lay pipe sewers through Cow Lane and to connect them with the drain in Kandewadi Lane already in use (*vide* red dotted lines on tracing). The cesspools could thus be closed in a comparatively short time. It will be observed that the length of the pipe proposed by us will be much less than if the connection were made through Borbhat Lane with Breach Candy Road, according to the general scheme.

We therefore earnestly beg with due deference to the opinion of the Commissioner, above expressed, that no further time may be lost in abating the nuisance in question, and that no technical considerations as to apportioning of districts for drainage purposes may be allowed to interfere in carrying out our suggestion for affording us immediate relief.—We remain, &c., MOROBA RAMCRUSTNA KIRTIKAR, (and 63 others.)

No. 1210 OF 1888-89.

18*th April* 1888.

MEMORANDUM.—Borebhat Lane is included in the Queen's Road and Girgam Drainage Section. The contract for this drainage work has, as the Town Council are aware, been let on 22nd February 1888. I have already ordered that the work should begin from the Sonapore District. The Executive Engineer and the Health Officer are of opinion that there is no special reason why the drainage of Borebhat Lane should be taken in hand before any other part of the district, and hence this lane will be taken in hand in the ordinary course.

F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Dosabhai Framji, Esq., seconded by Naoroji Beiramji Suntook, Esq.—

"That, in reply to their petition, dated 16th January last, No. 999. to the Chairman, Messrs. Moroba Ramcrushna, Harichandra Moroba Parab and other residents of Borebhat Lane be informed that the lane in question is included in the Queen's Road and Girgam Drainage Section.

"That the contract for this drainage work was given on the 22nd February 1888, and the Acting Municipal Commissioner has already ordered that the work should be commenced from the Sonapore District. That the Executive Engineer and the Health Officer are of opinion, that there is no special reason why the drainage of Borebhat Lane should be taken in hand before any other part of the district, and hence this lane will be proceeded with in the ordinary course."

*Amendment*, moved by Eknath Raghunath Khote, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the petition, dated 16th January last, from the residents of Borbhat Lane, be referred back to the Acting Municipal Commissioner for further consideration."

On a division, the votes were recorded as under :—

| | *For* | *Against.* |
|---|---|---|
| Amendment | 2 | 13 *lost.* |
| Original motion | 12 | 1 *carried.* |

Considered the Health Officer's Report* for the fourth quarter of 1887.

Proposed by Colonel Merewether, seconded by Mahomed Hussein Hakim, Esq.—

"That the Health Officer's Report for the fourth quarter of 1887, be *recorded.*"

*Carried.*

* *See* Appendix A.

This concluded, the business of this meeting, and the Chairman informed the Corporation that, unless it was urgently necessary to do so, he did not propose a meeting until the 4th June next.

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BOMBAY, *4th June* 1888.

At the Special General Meeting of the Municipal Corporation of Bombay held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, ESQ., M.A., LL.B., *Chairman.*

BHAISHANKAR NANABHAI, Esq.; THOMAS BLANEY, Esq.; J. P. CORNFORTH, Esq.; G. COTTON, Esq.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDAS, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC., C.I.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC., M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S., London; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the CLERK AND SECRETARY.

Before signing the minutes, the Chairman said that for the future, unless there is a quorum of members present within 15 minutes from the time fixed for the holding of a meeting, he will adjourn such meeting. With regard to the attendance of members at meetings, the names of those gentlemen only who are present at the time of adjournment will appear on the minutes.

The minutes of the adjourned Special General Meeting held on the 7th ultimo, were signed.

With the consent of the meeting, the Chairman gave priority to notice of motion as under, from Colonel Merewether :—

Proposed by Colonel G. Merewether—

No. 1408. "That, as recommended by the Town Council, sanction be given to the grant of Rs. 2,500, from Surplus Cash Balance, (to be adjusted hereafter to Loan account), to provide for the cost of sinking trial pits outside the walls of the Malabar Hill Reservoir with the view to ascertaining whether there is leakage from the walls."

Sir Henry Morland seconded the motion, which was *carried.*

Proposed by Dosabhai Framji, Esq., seconded by Surgeon-Major Waters—

"That the report made by the Clerk and Secretary, of the election by rate-payers, on 25th April 1888, of Narayan Ganesh Chandavarkar, Esq., as member of the Corporation in place of Dr. P. Peterson, resigned, be *recorded*."

*Carried.*

Proposed by Raghunath Narayan Khote, Esq., seconded by Sir Henry Morland—

"That letter No. 1151, dated 25th May 1888, from the Secretary, Town Council, reporting the Budget transfers, sanctioned by the Council up to 23rd idem, as under, be *recorded* :—

No. 1409.

To RAHIMTULA MOHAMED SAYANI, Esq., M.A.,LL.B.,
Chairman, Municipal Corporation.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers, sanctioned by them, up to 23rd May 1888, Rs. 1,210-9-10, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section I., Superintendence, and Section III., Labour, Markets and Slaughter Houses, same Budget, to meet the cost of extra establishment, required for the Erskine Road Market from 1st March 1888, namely, one peon at Rs. 10 per mensem, and one biggary at Rs. 11 ditto ..... | 252 | 0 | 0 |
| Transfer from savings in Section II., Labour, A, Scavengering, Conservancy Branch, Health Department Budget, to Section II, Office Establishment, A, Account Branch, Controller's Department Budget, to meet the amount of Acting arrangement made during the absence of Mr. Manekshah Cowashah, on privilege leave from 13th March to 27th April 1888, both inclusive ..... | 75 | 0 | 0 |
| Transfer from savings in Section II, Labour, A, Scavengering, Conservancy Branch, Health Department Budget, to Section VI., disposal of offal, Markets and Slaughter Houses, same Budget, to meet the amount of enhanced contract rate of Rs. 7 per diem for the removal of offal from the Slaughter Houses, Bandora, during the current year ..... | 730 | 0 | 0 |
| Transfer from savings in Section II., Labour, A, Scavengering Conservancy Branch, Health Department Budget, to Section III., Ward Inspection Offices, Assessment and Collection Department Budget, to meet the cost of acting arrangement made during the absence of Mr. W. Pearson, Superintendent, A Ward, Assessment Department, on privilege leave ..... | 153 | 9 | 10 |
| Total...Rs. | 1,210 | 9 | 10 |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 1410. "That, as recommended by the Town Council, sanction be given to the grant of Rs. 1,050, from Surplus Cash Balance, to meet the cost of 500 copies of the new Municipal Bill, including binding of 300, as soon as the Bill becomes law."

*Carried.*

Proposed by Surgeon-Major Waters, seconded by Shivji Dhurmaji, Esq.—

No. 1411. "That, as recommended by the Town Council, sanction be given to the payment of Rs. 11,700, from Surplus Cash Balance, (to be adjusted hereafter to the debit of loan charges), to provide for the pay of staff for making surveys for pipe sewers and ovoid sewers in Umerkhari, Bhuleshwar, Kharatalao, Tarwadi, Mazagon, Byculla, Chinchpokli and Parel districts."

*Carried.**

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* In connection with this item the following papers were placed before the meeting of the Town Council, held on the 16th May 1888 :—

No. 2717 OF 1888-89.

BOMBAY, 15*th May* 1888.

To THE SECRETARY, TOWN COUNCIL.

SIR,—In drawing the attention of the Town Council to Corporation Resolution No. 2023, dated 16th January last, I have the honour to state that, as three months have elapsed since the date of the Corporation Resolution, I request that the subject may be reconsidered, as it is very important to take this section in hand at an early date.

In connection with this subject, I have the honour to forward a copy of Government Resolution No. 1361, General Department, dated 1st May 1888, in which they urge the necessity for the drainage of the neighbourhood referred to.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Civil Hospitals and Dispensaries : Sanitation of the neighbourhood of the Jamshedji Jijibhai Hospital.*

No. 1361.

GENERAL DEPARTMENT.

Bombay Castle, 1st May 1888.

Letter from the Municipal Commissioner for the City of Bombay, No. 46, dated 5th April 1888 :—

"In reply to the request contained in paragraph 3 of Government Resolution No. 2607 of 1st September 1887, I have the honour to report that it is quite true that the drainage of the district round the Jamshedji Jijibhai Hospital is not in a satisfactory state.

On the motion of K. M. Shroff, Esq., the Chairman, with the consent of the meeting, gave priority to item No. 19 of the agenda paper :—

Letter No. 3811, dated 4th instant, to the Clerk, from the Acting Municipal Commissioner, was then read, stating that as a vacancy occurred among the free students of the Veterinary College, nominated by the Corporation, he invited applications by public advertisement. In response, only four applicants came forward. As the three students selected in September 1886 were all Parsees, the Acting Commissioner suggested that the studentship should be given to one of the two Hindu candidates. The names of the candidates were—Merwanjee Bomonjee Dubash, aged 21 ; Jalezar Rustomjee Arica, Gunputrao Moroba 19, and Venayek Lakshmon Sahasrabude 19.

Proposed by K. M. Shroff, Esq., seconded by Mohomed Husein Hakim, Esq.—

"That letter from the Acting Municipal Commissioner, No. 3811 of 1888-89, be *recorded;* and that Mr. Gunputrao Moroba be selected for one of the free studentships in the Veterinary College and Hospital, in place of Mr. Rustomjee Eduljee Mehta disqualified by non-attendance at the college."

No. 1412.

*Carried.*

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"2. Pipe sewers either have been laid or the work of laying them is being undertaken in the south and west of the Native Town.

"3. But Mazagon and the Parel Road District are as yet unprovided with pipe sewers, and nothing can be done till the Corporation sanction funds. I recently brought the matter to the notice of the Corporation and requested sanction to the outlay necessary for the preliminary survey, but the motion was unfortunately lost. So long, therefore, as there is a majority in the Corporation hostile to the extension of drainage, nothing can be done towards the improvement of the sanitary condition of the neighbourhood of the Jamshedji Jijibhai Hospital.

"4. I forward copy of a very complete report on the defects in the drainage arrangements of the hospital itself by the Acting Executive Engineer of the Municipality."

RESOLUTION.—The Municipal Commissioner should be requested to bring to the notice of the Corporation the dangerous consequences resulting from the imperfect drainage of the neighbourhood of the Jamshedji Jijibhai Hospital, and to move that body to carry out the work in question at the earliest possible date.—E. LAWRENCE, Acting Under-Secretary to Government.

On the proposal of Grattan Geary, Esq., the Chairman, with the consent of the meeting, gave priority to the following notice of motion :—

"Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

"1. That the total cost of the new Municipal buildings, exclusive of all extra accommodation, shall be fixed at 7½ lakhs of rupees, exclusive of professional fees, lands, &c.

"2. That the erection of a Public Hall be deferred for the present. That the dimensions of the Council Chamber shall be about 90′ × 45′.

"3. That the erection of the dome over any portion of the buildings may be left to the discretion of the architect.

"4. That Mr. F. W. Stevens be appointed architect to design and carry out the building on the usual terms of 5 per cent.

"5. That stables be provided as near the Municipal building as may be possible, either at Mody Bay or near the Tramway stables, without involving the cost of treating them architecturally as part of the said building and on a costly site.

"6. That extra accommodation for administrative purposes in connection with the Tansa office, and School and Hospital Committee rooms which may be needed, be provided as suggested by the Municipal Commissisoner."

*Amendment*, moved by G. Cotton, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the question of the total cost of the new Municipal buildings be postponed until the Municipal Commissioner has, in conjunction with an architect to be nominated by the Corporation, furnished the Corporation with plans and estimates of the building."

*Amendment*, moved by Colonel Merewether—

"That the total cost of the Municipal buildings, including extra accommodation for administrative purposes in connection with the Tansa office, and School and Hospital Committee rooms, land, professional fees, &c., be fixed at 9½ lakhs of rupees, the sum required beyond that now available for building offices being obtained by loan."

Mr. Geary seconded Colonel Merewether's amendment, and with the consent of the meeting, *withdrew* his own proposal.

Mr. Cotton's proposal then became the substantive proposition.

*Amendment*, moved by Kaikhosro Nowroji Kabraji, Esq., seconded by Damodhur Thackersey Mulji, Esq.—

"That the total cost of the new Municipal offices be fixed at Rs. 6,00,000, including the cost of land, but exclusive of any further land that may be required."

Shortly after 5 o'clock, it was resolved, on the motion of Thomas Blaney, Esq., seconded by Sir Henry Morland, that this meeting do now adjourn, and the Chairman accordingly adjourned the meeting till Thursday next, at 3 P.M.

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BOMBAY, *7th June* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant and adjourned from that day,) held this day, there were present:

RAHIMTULA MOHAMED SAYANI, Esq. M.A., LL.B., *Chairman*.

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSERWANJEE SERVAI, Esq.; J. P. CORNFORTH, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJI, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; HORMUSJEE DADABHOY, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJEE SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZABAN ASSOC. M.I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; H. WILMOT ULOTH, Esq.; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

Proposed by the Chairman, seconded by Sir Henry Morland.—

*Resolved*: "That this Corporation record with profound and sorrowful regret the sense of the loss they have sustained in the unexpected death of Sir Frank H. Souter, Kt., C.S.I., C.I.E., and in doing so would observe that, during the long period of his connection with this Municipal body, Sir Frank H. Souter was ever foremost in the cause of judicious progress, and took a promi-

No. 1545.

nent part in every movement calculated for the welfare of this city. Firm of purpose, strong in character and with a keen sense of discipline, he invariably displayed manliness of conduct which might be truly called heroic. Nor was this incompatible with the gentleness and simplicity of character which endeared him to all with whom he came in contact, whether in his public or private capacity. The manner in which he presided over the deliberations of this Corporation, entirely warranted the enthusiasm with which he was elected to the chair. Courteous and just to all, true and steadfast in friendship, and ever generous to his opponents, it was only natural that he should be beloved by men of every class and every creed in this great city, and that his death should evoke universal sorrow.

"That, a copy of this resolution be forwarded to Lady Souter with the assurance of this Corporation's sincerest sympathy with herself and her family in their great bereavement.

"That as a mark of respect to the memory of the deceased, the Corporation adjourn without proceeding to the transaction of business."

*Carried unanimously.*

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BOMBAY, 11*th June* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant and adjourned from the 7th idem), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; LIEUT.-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEVUNDAS, Esq.; H. WILMOT ULOTH, Esq.; RAO SAHEB, VISHVANATH

NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

On the question of the signing of the minutes of the Special General and adjourned Special General Meetings held on the 4th and 7th instant, the Chairman said he would amend the entry on page 5 of the printed minutes of the meeting held on the 4th instant, by inserting the words "the letter from the Acting Municipal Commissioner, No. 1880, dated 1st May last, and" after the "word priority to;" and by adding the following words before the words "amendment moved by G. Cotton, Esq." :—

"Mr Geary then moved para 1 of his motion as follows:—

"That the total cost of the new Municipal buildings, exclusive of all extra accommodation shall be fixed at 7½ lakhs of Rupees, exclusive of professional fees, land, &c."

The minutes as thus amended were then signed.

Considered again the following motion and amendments, moved on the 4th instant:—

"Proposed by G. Cotton, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

'That the question of the total cost of the new Municipal buildings be postponed until the Municipal Commissioner has, in conjunction with an architect to be nominated by the Corporation, furnished the Corporation with plans and estimates of the building.'

No. 1708.

"*Amendment*, moved by Colonel Merewether, seconded by Grattan Geary, Esq.—

'That the total cost of the Municipal buildings, including extra accommodation for administrative purposes in connection with the Tansa office, and School and Hospital Committee rooms, land, professional fees, &c., be fixed at 9½ lakhs of rupees, the sum required beyond that now available for building offices being obtained by loan.'

"*Amendment*, moved by Kaikhosro Nowroji Kabraji, Esq., seconded by Damodhur Thackersey Mulji, Esq.—

'That the total cost of the new Municipal offices be fixed at Rs. 6,00,000, including the cost of land, but exclusive of any further land that may be required.'

It was now moved by Thomas Blaney, Esq., seconded by Major Selby—

'That the Corporation do proceed with the consideration of clause 2 of Mr. Geary's proposal, and that the further decision of clause 1 be deferred.'

On a division, there were 10 votes *for* and 16 *against* the motion which was *lost*.

*Amendment*, moved by Rustomji Nusserwanji Khory, Esq., seconded by Jalbhoy Ardeseer Sett, Esq.—

"That the Acting Municipal Commissioner be instructed, in consultation with Khan Bahadur Muncherjee Cowasjee Murzban, and Colonel Merewether, to arrange with Mr. Chisholm, or any other architect, for the making of such alterations in Mr. Chisholm's design for the new Municipal Office, as will allow of the building being erected on the site at Bori Bandar, already selected by the Corporation.

"That the cost of the building shall not exceed 7½ lakhs of rupees."

*Amendment*, moved by Sir Henry Morland, seconded by Mohamed Husein Hakim, Esq.—

"That Mr. F. W. Stevens, F.R.I.B.A., be appointed architect to design and prepare plans and to construct the new Municipal Offices at Bori Bandar, on the usual terms of the Institute of Architects, and that he be instructed to place himself in communication with the Acting Municipal Commissinner, in view to deciding what extra accommodation (exclusive of stables), is necessary beyond that which was previously specified and which, including a Council chamber, about 90 feet long and 45 feet wide, can be provided with the sum of 8 lakhs of rupees, exclusive of the cost of land, amount of architect's fees and other incidental charges amounting to about 1½ lakhs of rupees.

"That it be an instruction to the architect so to design the building as to admit of a large hall for public meetings and increased accommodation being added at any future time. That the Town Council be moved to make arrangements for the provision of funds required over the Rs. 6,51,000, already available on the building fund, *viz.*, Rs. 2,00,000, or a little more."

Mr. Cotton said that if Sir Henry Morland's amendment was accepted as one of the propositions, he (Mr. Cotton) would withdraw his amendment.

The Chairman ruled that the amendments moved by Dr. Khory and Sir Henry Morland, respectively, were not in order. Dr. Khory altered his proposal and moved—

"That the cost of the new Municipal buildings shall not exceed 7½ lakhs of rupees, inclusive of the cost of land re-

quired for the site, the architect's fees and supervision charges."

With the permission of the Chairman and the consent of the meeting, Mr. Kaikhusro Nowroji Kabraji *withdrew* his amendment in favour of that proposed by Dr. Khory.

On a division, the voting was as follows :—

| | *For.* | *Against.* | |
|---|---|---|---|
| Amendment moved by Dr. Khory ..... | 7 | 23 | *Lost.* |
| " " Colonel Merewether | 10 | 24 | " |
| Motion proposed by Mr. Cotton ..... | 25 | 4 | *Carried.* |

Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

"That the erection of a public hall be deferred for the present."

*Amendment*, moved by Sir Henry Morland, seconded by Khan Bahadur Muncherjee Cowasjee Murzban—

"That the erection of a public hall be deferred for the present, but that it be an instruction to the architect so to design the building as to admit of such hall and increased accommodation being added at any future time."

No. 1709.

On a division, there were 11 votes *for* and 10 *against* the *amendment*, which was *carried* as a substantive motion by 13 votes *against* 9.

At half-past 5 o'clock, the meeting separated, and the Chairman fixed Thursday, the 14th instant, at 3 p.m., for the adjourned meeting.

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BOMBAY, 14*th June* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 11th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, ESQ., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B. RAGHUNATH NARAYAN KHOTE, Esq.,

C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; H. WILMOT ULOTH, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; and the CLERK AND SECRETARY.

The minutes of the adjourned Special General Meeting held on the 11th instant, were signed.

Letter was received from Khan Bahadur Muncherjee Cowasjee Murzban, apologizing for non-attendance on account of sickness.

Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

No. 1864. "That the length of the Council chamber of the new Municipal Hall be 65 to 70 feet, and that the breadth and height of the said chamber be left to the discretion of the architect."

*Amendment*, moved by Surgeon-Major Waters, seconded by H. W. Uloth, Esq.—

"That it is not desirable to give any instructions to the architect as to the dimensions of the Council chamber."

On a division, the amendment was *lost*, the votes being 7 *for* and 10 *against*.

There were 10 votes *for* and 5 *against* the original motion which was *carried*.

Proposed by Grattan Geary, Esq., seconded by J. R. Duxbury, Esq.—

No. 1865. "That the erection of a dome over any portion of the buildings may be left to the discretion of the architect."

*Carried nem con.*

Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

No. 1866. "That Mr. F. W. Stevens be appointed architect to design and carry out the building on the usual terms of 5 per cent."

*First amendment*, moved by Major Selby, seconded by Harold R. King, Esq.—

"That both Mr. Chisholm and Mr. Stevens be asked to prepare the necessary designs at a remuneration of Rs. 5,000 each, on the understanding that that architect, if either, whose design may finally be accepted will be employed to supervise the construction of the building on the usual professional terms."

*Second amendment*, moved by Kaikhusro Nowroji Kabraji, Esq., seconded by Narayen Gunesh Chandavarkar, Esq.—

"That Mr. Chisholm be appointed architect of the new Municipal Offices, on the usual term of 5 per cent., and that he be requested to alter his original design to suit the altered circumstances of the locality."

On a division, there were 5 votes *for* and 12 *against* the second amendment, which was *lost*. For the first amendment there were 3 votes, and *against* it 17, and it was *lost*. The original motion was *carried* by 16 votes *against* 4.

Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

"That stables be provided as near the municipal building as may be possible, and so situated as not to involve the cost of treating them architecturally."

*First amendment*, moved by G. Cotton, Esq., seconded by Kavasji Meherwanji Shroff, Esq.—

"That the question of the erection of stables be deferred until the plans and estimates for the new offices are placed before the Corporation."

No. 1867.

*Second amendment*, moved by Cowasjee Hormusjee, Esq., seconded by Naoroji Beiramji Suntook, Esq.—

"That no stables be provided for the new Municipal Offices."

On a division, there were 4 votes *for* and 7 *against* the amendment moved by Mr. Cowasjee Hormusjee, which was *lost*.

For Mr. Cotton's amendment there were 15 votes and 6 votes *against* it, and this was *carried*, as the substantive proposition by 15 votes *against* 2.

Proposed by Grattan Geary, Esq., seconded by Dosabhai Framji, Esq.—

"That extra accommodation for administrative purposes in connection with the Tansa Office and School and Hospital Committee rooms which may be needed, be provided as suggested by the Municipal Commissioner."

At 5 o'clock, on the proposal of Captain Sir Henry Morland, seconded by Shivji Dhurmaji, Esq., the meeting was adjourned, and the Chairman fixed Monday, the 18th instant, at 3 p.m., for the adjourned meeting.

BOMBAY, 18*th June* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 14th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY; Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq. ; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DAMODAR TAPIDAS, Esq. ; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYEN KHOTE, Esq. ; GRATTAN GEARY, Esq. ; A. M. GUBBAY, Esq. ; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq. ; KAVASJI MEHERWANJI SHROFF, Esq. ; MAHOMED HUSSEIN HAKIM, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. ; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; MAJOR H. O. SELBY, R.E. ; SHIVJI DHURMAJI, Esq. ; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq. ; TRIBHOWANDAS VURJEEWANDAS, Esq. ; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner ; and the CLERK AND SECRETARY.

The minutes of the adjourned Special General Meeting held on the 14th instant, were signed.

On the motion of Sir Henry Morland, seconded by Mohamed Hussein Hakim, Esq., it was—

*Resolved:* That, in token of respect for the memory of his late Imperial Majesty the Emperor Frederick of Germany, and as a mark of sympathy with the affliction, which has consequently fallen on the family of Her Imperial Majesty the Queen-Empress, this Corporation now adjourns without proceeding to the transaction of business.

The Chairman fixed Thursday, the 21st instant, at 3 P.M., for the adjourned meeting.

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BOMBAY, 21*st June* 1888.

AT the adjourned Special General Meeting of Corporation of Bombay (originally called for the 4th instant, and adjourned from the 18th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. ; SURGEON-MAJOR J. ARNOTT, M.D., C.M. ; THOMAS BLANEY, Esq. ; BOMONJEE PESTONJEE MASTER, Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq. ; G. COTTON, Esq. ; DAMODAR TAPIDAS, Esq. ; DAMODAR THAKERSI MULJI, Esq. ; DOSABHAI FRAMJI, Esq., C.S.I. ; J. R. DUXBURY, Esq. ; EKNATH RAGHUNATH NARAYAN KHOTE, Esq. ; FAZULBHOY VISRAM, Esq. ; GRATTAN GEARY, Esq. ; A. M. GUBBAY, Esq. ; HURKISSONDAS NARROTUMDAS, Esq. ; JAMSHEDJEE PALLONJEE KAPADIA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHUSRO NOWROJI KABRAJI, Esq. ; KARSANDAS VALLABHDAS, Esq ; KAVASJI DADY LIMJI, Esq. ; KAVASJI MEHERWANJI SHROFF, Esq. ; MAHOMED HUSSEIN HAKIM, Esq. ; COLONEL G. L. C.

MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SANTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B., LIEUTENANT-COLONEL A. B. PORTMAN; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq., TRIBHOWANDAS VURJEEWANDAS, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the Adjourned Special General Meeting held on the 18th instant, were signed.

Considered again the following motion moved on the 14th instant, by Grattan Geary, Esq., seconded by Dosabhai Framjee, Esq.—

"That extra accommodation for administrative purposes in connection with the Tansa Office and School and Hospital Committee rooms which may be needed, be provided as suggested by the Municipal Commissioner."

*Amendment* now moved by Sir Henry Morland, seconded by G. Cotton, Esq.—

No. 2211. "That for the purposes proposed by the Acting Municipal Commissioner, the accommodation for School and Hospital Committees and Tansa water works establishment office accommodation to the extent of 4,000 superficial feet, or 15 per cent. in addition to the accommodation existing in the present office, be provided."

On a division, there were 19 votes *for* and 3 votes *against* the amendment, which was *carried*, as the substantive proposition by 21 votes (against *none*).

With the consent of the meeting, the Chairman gave priority to the following proposition:—

Proposed by Colonel Merewether, seconded by Dosabhai Framji, Esq.—

No. 2212. "That, as recommended by the Town Council, sanction be given to the taking up of two plots of ground situate on the Flats, required for the deposit of town sweepings, admeasuring 93,755$\frac{2}{9}$ square yards, or thereabout, the property of Mr. Byramjee Jeejeebhoy, C.S.I., and to the raising of a loan of one lakh of rupees, or thereabout, for the purchase of such ground. The cost to be met from available balances, to be adjusted to the debit of loan to be raised hereafter."

*Carried nem con.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That as recommended by the Town Council, sanction be given to the writing off (1) of Rs. 31-0-10, from the dead stock return of the Health Department, being the book value of one dust bin injured by fire; and (2) of Rs. 6,734-3-3, from the live stock return of the same department, being the book value of 50 bullocks that died, and 67 that were sent to Pinjrapole, total 117, during the quarter ending 29th February 1888.*

*Amendment* moved by Kavasji Meherwanji Shroff, Esq., seconded by Naoroji Beiramji Santook, Esq.—

No. 2213.

"That, as recommended by the Town Council, sanction be given to the writing off (1) of Rs. 31-0-1, from the dead stock return of the Health Department, being the book value of one dust bin injured by fire, and (2), of Rs. 6,734-3-3, from the Live Stock return of the same Department, being the book value of 50 bullocks that died and 67 that were sent to Pinjrapol—total 117 during the quarter ending 29th February 1888.

"That a Committee be appointed to investigate into the causes of the heavy mortality amongst bullocks belonging to the Health Department, and to report on the same, suggesting remedies, if any, calculated to prevent this periodical loss of live stock.

"The Committee to consist of Thomas Blaney, Esq., Javerilal Umiashankar Yajnik, Esq., Colonel G. Merewether, Vandravandas Parshotamdas, Esq., J. R. Duxbury, Esq., Kavasji Meherwanji Shroff, Esq. and Rastamji N. Khory, Esq.†"

On a division, there were 28 votes *for* the amendment and 4 *against* it, and it was *carried* as the substantive proposition, the votes being 28 *for* and 1 *against*.

Proposed by Dosabhai Framji, Esq., seconded by Sir Henry Morland—

"That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be

* Causes of death: 52 old age and general debility, 2 flatulent colic, 1 abscess in liver, 1 tetanus, 1 dropsical swelling of throat, 5 foot and mouth disease, 1 foot and mouth disease and inflammation of lungs, 1 inflammation of lungs and general debility, 2 inflammation of lungs and heart, 1 inflammation of liver and heart, 1 inflammation of lungs, 1 enlargement of spleen and general debility, 1 inflammation of lungs and abscess in liver. Total died 50 and 67 cast bullocks sent to Pinjrapol—total 117. Locality where death or invaliding took place: 4 Bori Bandar stable; 1 C Ward stable, 1 D Ward stable, 37 Bori Bandar Hospital, 7 Sankli Tank shed. Total died 50 and 67 sent to Pinjrapol—total 117. Annual percentage of loss on the whole stock. 27·7.

† The name of Mr. Shroff was added on the motion of Eknath R. Khote, Esq., and the name of Dr. R. N. Khory was also added on the motion of K. M. Shroff, Esq.

given to the expenditure of Rs. 67,000, to provide for the purchase of land at Khetwadi for hospital for epidemic diseases ; the cost to be met, from available balances, to be adjusted to the debit of the said loan charges."

With the consent of the meeting, the Chairman submitted the following letter received by him since this meeting was convened:—

ESPLANADE, BOMBAY, 18*th June* 1888.

TO THE CHAIRMAN, MUNICIPAL CORPORATION., BOMBAY.

SIR,—The offer of Rs. 60,000 (afterwards increased to Rs. 66,000) made by me some eighteen months ago to Government on behalf of certain friends of mine for the construction of an hospital for infectious diseases in Bombay not having as yet been accepted, I wrote to the Secretary to Government (General Department) on the 17th ultimo, soliciting the early decision of Government on the subject, and stating that if the gift be not accepted by the 1st of the current month, my friends would offer the money for another charitable object. After some further correspondence on the subject, I have received a letter No. 2042, dated 15th June, from the Under Secretary to Government, General Department, to my address, from which I beg to send the accompanying extract for your information —I have, &c., MUNCHERJEE C. MURZBAN.

*Extract para. I of letter No.* 2042, *dated* 15*th June* 1888, *from the Under-Secretary to Government, General Department.*

"I am directed to acknowledge the receipt of your letter, of 17th ultimo, and with reference to subsequent correspondence upon the subject with which it deals, to request that you will kindly intimate to the Chairman of the Municipal Corporation, Bombay, that in consequence of the difficulty regarding the provision of a site for a hospital for infectious diseases, your friends have given another destination to their gift."

"True extract"
MUNCHERJEE C. MURZBAN.

At 5 o'clock Major Selby drew the Chairman's attention to the fact that there was not a quorum of members present. The Chairman caused the members to be counted, and the Clerk reported that only 24 remained.

The Chairman fixed the adjourned meeting for Monday, the 25th instant, at 3 P.M.

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BOMBAY, 25*th June* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th instant, and adjourned from the 21st idem), called for this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq. ; DOSABHAI FRAMJI, Esq. C.S.I. ; J. R. DUXBURY, Esq. ; EKNATH RAGHU-

NATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; H. WILMOT ULOTH, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman, at 15 minutes past 3 p.m., adjourned the meeting, to 3 p. m. on Thursday, the 28th instant.

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BOMBAY, 28*th June* 1888.

AT the adjourned special General Meeting of the Corporation of Bombay (originally called for the 4th instant, and adjourned from the 25th idem, for want of a quorum of members), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; DAMODAR TAPIDAS, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NOWROJEE BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZAR MAHOMED FUTEHALLY, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the Adjourned Special General Meeting held on the 21st instant, and the Record of the Adjourned Special General Meeting called for the 25th idem, were signed.

Considered again the following motion moved on the 21st instant, by Dosabhai Framji, Esq., seconded by Sir Henry Morland—

No. 2540.

"That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be given to the expenditure of Rs. 67,000, to provide for the purchase of land at Khetwadi

for hospital for epidemic diseases ; the cost to be met from available balances, to be adjusted to the debit of the said loan charges."

*Amendment* now moved by Grattan Geary, Esq., seconded by Colonel Merewether—

"That the consideration of the purchase of land at Khetwady as the site for hospital for epidemic diseases be adjourned for a fortnight."

With the consent of the meeting, and the permission of the Chairman, the amendment was *withdrawn*, the votes being 12 *for* and 1 *against*.

On a division, there were 12 votes *for* and 10 *against* the original motion, which was *carried*.

Considered letter No. 2418, dated 11th ultimo, from the Acting Municipal Commissioner to the Chairman as follows :—

SIR,—I have the honour to request the sanction of the Corporation to the following arrangements approved of by the P. W. Department Government Resolution No. 911 of 1st May 1888, and Revenue Department Resolution No. 2116 of 5th April 1888.

1. The Corporation to hand over to Government 258 square yards of land at the Haines Road, Dhobiwada, being plot No. 2 on the plan annexed, in exchange for 1,033 square yards of Government land at Elphinstone Road, the latter plot being acquired by the Municipality to give a frontage on the road to another plot acquired by the Municipality in 1878.

2. The Corporation to sell to Government plot No. 3 on the plan annexed, also at the Haines Road, Dhobiwada, at the rate of Rs. 4 per yard.

3. The Corporation to accept from Government free of cost the land now forming the approach road to the Mahaluxmi station of the B. B. & C. I. Railway from the Haines Road, on condition that it is maintained as an approach road to the Railway station.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Lands, Bombay.*

No. 2116.

REVENUE DEPARTMENT.

Bombay Castle, 5th April 1888.

Letter from the Municipal Commissioner for the City of Bombay, No. 8987, dated 19th September 1887 :—

"I have the honour to forward herewith a tracing and to state that the portion coloured red was made over to the Municipality under Government Resolution (Revenue Department) No. 4351, dated 26th August 1878, for the purpose of erecting a public market thereon. This plot, however, has no road frontage and with

a view to give road frontage to it on the Elphinstone Road I have the honour to request respectfully that the plot coloured blue measuring 1,033 square yards may be handed over to the Municipality free of charge."

Memorandum from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R.—2215, dated 25th October 1887 :—

"In reply to Mr. Under Secretary Atkins' No. 6577, dated 29th September 1887, the undersigned has the honour to report that the plot coloured blue, area 1,033 square yards, is Government land and can be handed over to the Municipality. The question is, should the land be handed over free of charge ? The value of land in this locality is one rupee per square yard with a ground rent of half a pie per square yard per annum. There does not appear any reason why the Municipality should not pay Government the market value of this land. If they agree to this payment it is within the option of Government to hand over also free of charge the triangular piece of land marked A with an area of 266 square yards which at present is of no use to Government, but might, if amalgamated with the other lands now held by the Municipality, be utilized in some way by them."

Memorandum from the Public Works Department of the Secretariat, No. 49 R., dated 14th March 1888—Retransferring the papers forwarded to that Department with this Department memorandum No. 7807, dated 14th November 1887, together with one No. 288, dated 7th February 1888, from the Public Works Department of the Secretariat, Railway ; and adding as follows :—

"2. The Municipal Commissioner should be informed that Government are prepared to make over the land (valued at Rs. 1,033 at Re. 1 per square yard) to the Municipality, on the understanding that it gives in exchange the plot near the Mahalakshmi Station, measuring about 258 square yards and shown in green on the plan received from the Public Works Department, Railway, and which is valued at Rs. 1,032, *vide* Collector's report No. L.R.—608, dated 8th March 1888."

Letter from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R.—687, dated 14th March 1888.

Letter from the Municipal Commissioner for the City of Bombay, No. 18352, dated 15th March 1888.

RESOLUTION.—The Municipal Commissioner should be informed as proposed in paragraph 2 of the Public Works Department memorandum No. 49 R., dated 14th ultimo. If he accept the proposal the Collector should take steps to carry out the exchange.

E. LAWRENCE,
Acting Under-Secretary to Government.

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No. 911 OF 1888.

P.W. Department, Railway.

Bombay Castle, 1st May 1888.

From the Consulting Engineer for Railways, dated 22nd April 1888.

Submits correspondence with the Agent, Bombay, Baroda and Central India Railway Company, and the Municipal Commissioner for the

City of Bombay in regard to the transfer to Government, for Municipal purposes, of certain land in the possession of the Bombay, Baroda and Central India Railway Company at Mahalakshmi for an approach road to the Mahalakshmi Station from the east ; for the acquisition of some land adjoining the Railway and running parallel to it on the west side (plot No. 1) for widening the road which it is proposed to construct joining Haines and Clerk Roads, and to the payment of compensation for alterations to the buildings, &c., in connection with the Dhobi lines, and to the exchange of Government land measuring 2,875 square yards, (plot No. 1) west of Mahalakshmi Station in possession of the Railway Company for plot No. 3 on the east side of the Station, measuring 186 square yards and belonging to the Municipality.

RESOLUTION.—Government is prepared to resume the plot of land barked No. 1, now in possession of the Bombay, Baroda and Central India Railway Company, and transfer it to the Municipality at a cost of rupee 1 per square yard or Rs 2,875 for the whole plot.

2. Arrangements to acquire plot No. 2, immediately in front of the entrance to the Mahalakshmi Station, have already been made by Government, *vide* Revenue Department Government Resolution No. 2116, dated 5th April 1888, so its acquisition need not further be considered here.

3. Government is prepared to acquire the plot of land marked No 3, containing 186 yards more or less, at a cost of Rs. 4 per yard, the rate being the same as that at which the Collector valued the land in plot No. 2. The cost of this land will therefore be Rs. 744 ; and Government also consents to pay the value of the foundation work now rendered useless on this land, *viz.*, Rs. 1,928, and also the claim of the contractor for Rs. 700 for loss by the stoppage of the work.

4. If this is agreed to, the actual cost of the exchange of these two plots of land will be Rs. 497, payable by the Government to the Municipality.

5. The land now forming the approach road to the Mahalakshmi Station from the Haines Road was originally acquired by Government for a station approach, and the road was constructed by the Bombay, Baroda and Central India Railway Company. This road should be under the Municipality, and not under the Railway Company ; Government, therefore, is prepared to resume the land from the Railway Company and hand it over free of cost to the Municipality, on condition that it is maintained as an approach road to the Railway station. The necessary land plans and schedules for this transfer should be prepared by the Railway Company, and submitted to Government without delay.

6. The Governor in Council observes that, had the Dhobiwada been extended as sanctioned by the Municipal Commissioner, the means of access to the Railway station would have been seriously interfered with. He therefore considers it desirable to place on record that should the Municipality hold land in the immediate vicinity of the entrance to a Railway station, no Municipal buildings which might interfere with the proper access to the station, should be erected without a previous representation either to Government or to the Railway Administration concerned.

H. O. SELBY, MAJOR, R.E.,
Acting Under Secretary to Government.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That, as recommended by the Acting Municipal Commissioner, in his letter No. 2418, dated 11th May 1888, sanction be given to an arrangement with Government by which, in exchange for 258 square yards, or thereabout, of municipal ground at Dhobiwada, shown as "No. 2" in green colour on the tracing* A, dated this day, Government give up to the Municipality a plot of land at Elphinstone Road, which measures 1,033 square yards, and is bounded on the north by Elphinstone Road, and on the south by Municipal land, and on the east and west by private lands (as shown on plan B, also dated this day) the land so transferred to the Corporation being required for road frontage to the plot on Elphinstone Road, acquired in 1878 for a public market.

No. 2541.

"That sanction be also given to the sale to Government of a plot of municipal land at Haines Road, adjoining the Railway Station at Mahalxumi, admeasuring 186 square yards, or thereabout, and marked "No. 3" on the tracing "A" at the rate of Rs. 4 per yard.

"That the Corporation accept from Government, free of cost, the land now forming the approach road from Haines Road to the station, and measuring 560 feet by 30 feet, or thereabout, shown on plan A, as above, at "A A," on condition that the road is maintained as an approach road to the station by the Municipality."

On a division, there were 13 votes *for*, and none *against*, the motion, which was *carried*.

Considered letter No. 2897, dated 19th ultimo, from the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to forward herewith a statement for Quarter ending 31st March last, as required by the Corporation's Resolution No. 1270, dated 3rd October 1887.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

* Filed in supplement to Minute Books, marked A.

*Quarterly Statement as per Corporation's Resolution No.* 1270 *of* 1887-88 *for the Quarter ended* 31*st March* 1888.

| Wards. | No. of new properties assessed during the quarter, with the total amount of assessment fixed for the same. | | No. of previously existing properties, the assessments of which have been increased during the quarter and the total amount of the increased assessment. | | No. of previously existing properties, the assessments of which have been reduced during the quarter, and the total amount of the reduced assessment. | | REMARKS. |
|---|---|---|---|---|---|---|---|
| | No. of Properties | Amount of Assessment. | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | |
| | | Rs. | | Rs. | | Rs. | |
| A | 9 | 81,326 | *15 | 66,387 | 13 | 8,430 | Includes 6 properties formerly assessed as land, but now built on. |
| B | 23 | 14,514 | 18 | 19,945 | 17 | 6,889 | Do. 7 do. do. do. |
| C | 3 | 6,168 | 30 | 40,612 | 19 | 7,126 | Do. 10 do. do. do. |
| D | 15 | 8,501 | 28 | 14,537 | 29 | 5,293 | Do. 15 do. do. do. |
| E | 37 | 11,388 | 26 | 15,939 | 21 | 4,467 | Do. 12 do. do. do. |
| F | 8 | 4,086 | 6 | 1,508 | 2 | 176 | Do. 1 do. do. do. |
| G | 2 | 1,272 | 7 | 4,378 | 10 | 3,279 | Do. 2 do. do. do. |
| Total. | 97 | 1,27,255 | *130 | 1,63,306 | 111 | 35,660 | |

* This return is useless for purposes of calculation, as it does not show sums to be refunded (Form No. 10), nor reductions on appeal, nor rise in rents, nor previous underassessments, the two latter taking effect from the ensuing year.

R. P. BRUNTON, Assessor and Collector.

Proposed by Thomas Blaney, Esq.,' seconded by Naoroji Beiramji Santook, Esq.—

No. 2542. "That the return of new properties assessed for the quarter ending 31st March 1888, be *recorded.*"

*Carried.*

Considered the following :—

No. 2674 OF 1888-89.

BOMBAY, 14*th May* 1888.

TO THE CLERK, MUNICIPAL CORPORATION.

SIR,—I have the honour to forward, for the consideration of the Corporation, a copy of Government Resolution No. 267, General Department, dated 24th January 1888.

I kept this Resolution, to await the report of the 3 Counsel who were consulted under the terms of Corporation Resolution No. 242 of 9th May 1887, as to the mode to be adopted in calculating the payments of principal and interest due to Government.

I have to-day received that report, and it is unfavourable to the contention of the Corporation.

Taking these two together, the result is, that before the end of the period over which the payments extend, the Corporation will have paid Government over 45 lakhs of rupees, for the purchase of the Vehar Lake, and yet at the expiry of the period, Government may resume the Lake from the Municipality without repaying any portion of the purchase money.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner for the city of Bombay.

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*Municipal Matters, Bombay : The Vehar Lake.*

No. 267.

GENERAL DEPARTMENT.

Bombay Castle, 24th January 1888.

Letter from the Controller of Municipal Accounts, to the Municipal Commissioner for the City of Bombay, No. 2137, dated 22nd November 1887 :—

"With reference to Section 89, Clauses 1 and 2 of the new Municipal Bill (No. 4 of 1887), I have the honour to point out that they provide that Government *may* at the end of the first term of 99 years, the term for which the Vehar Lake, &c., is vested in the Corporation, direct that the same shall vest in the Corporation on certain conditions for such further period not exceeding 99 years as shall seem expedient, and that either on the expiry of the first term of 99 years or of any further term for which Government *may* have directed that the Vehar Lake, &c., shall vest in the Corporation, all rights and every power conveyed to the Corporation shall forthwith cease and determine and the Vehar Water Works shall revert to and become vested in the Secretary of State for India in Council as the same was vested in the Secretary of State for India in Council before the 1st day of July 1863.

"The original net actual cost of the lake, &c., was Rs. 65,43,887. But the original estimate for the work being only 25 lakhs, Government agreed to bear half of the excess cost of Rs. 40,43,887. Thus the Municipality have been charged Rs. 45,21,943 (25 lakhs amount of original cost + Rs. 20,21,943 half the extra cost).

"I do not therefore see why the lake, &c., should not continue to be vested in the Corporation at the end of the first term of 99 years, provided we have repaid the whole amount of our debit with *monthly compound* interest instead of the stipulated *simple* interest in 52 years from 1st July 1863, *i.e.*, 47 years before the expiry of the first term of 99 years, more especially when since 1863 we have spent lakhs of rupees in extensions, alterations and maintenance of the lake, &c., and would very likely spend large sums for further additions and improvements to the property.

"Under the circumstances, I trust on your representation, Government would see the justice of continuing to vest the lake, &c., in the Corporation if we repaid with interest the debt due to them.

"Although we were not responsible for incurring so large an excess as that of 40 lakhs, *i.e.*, more than 160 per cent. over the original estimated cost of 25 lakhs, for the construction, &c., of the lake, &c., we have agreed to supply to Government water at half the public rate in consideration of their having borne half the excess cost of the lake. We have continued this concession and are likely to do so in future notwithstanding our having spent more than half a krore of rupees on the Tulsi and Bhandarvada Water Works and our undertaking to spend a krore and a quarter on the Tansa Water Works."

Letter from the Municipal Commissioner for the City of Bombay, No. 14219, dated 31st December 1887 :—

"I have the honour to forward a copy of a letter from the Controller of Municipal Accounts, and to request the early attention of Government to the subject in connection with the Municipal Bill.

"It seems to me inequitable that the Municipality should pay off nearly the whole sum spent on the Vehar Lake, and that even after that sum is paid off Government should be able to declare that the lake belongs to Government and not to the Municipality.

"Surely, in fairness, if Government at any time claim the lake as their own property, they should be bound to repay the Municipality the amount the Municipality may have paid Government, namely, about Rs. 45,21,943. I do not understand on what principle of justice the seller of a property should retain both the property and the price paid for it. I respectfully suggest that either Government should allow the Bill to declare that on completion of all the payments due the Vehar Lake shall vest absolutely in the Municipality, or if it be thought necessary that it should finally vest in Government, then the Municipality should be repaid all the sums they have paid on this account to Government."

RESOLUTION.—Mr. Charles should be informed that the reversionary right of the Government in the Vehar Lake and its adjuncts has ever since the passing of Bombay Act XIII. of 1863 been a portion of the public property held on behalf of the whole community. It was only on this and other terms that any right at all was vested in the Bombay

Municipality, and every term and consideration profitable to either party is to be deemed a consideration for those terms which are onerous to the same party. It would be quite as reasonable for the Government to demand payment of the 20 lakhs of rupees which it agreed to bear as a burden on the general community, and also compound interest on that sum, as on account of expenditure specially for the City of Bombay as it is for the Municipal Commissioner to claim an abandonment of the reversionary interest reserved to Government. It is a valuable estate and when the year 1962 is reached, the Government of that day may see reason to ask for repayment of some of the 20 lakhs plus interest as a consideration for parting with its right of re-entry to the Municipality. The expenditure made in the meantime by the Municipality is made—obviously—with a full knowledge of the limitation of its estate; with a full knowledge also in all probability that every rupee spent will have brought in an ample return before 1961.

T. D. MACKENZIE,
Acting Chief Secretary to Government.

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Memorandum No. 2625, dated 14th May 1888, from the Acting Municipal Commissioner, forwarding, with reference to the Corporation's Resolution No. 242, dated 9th May 1887, letter dated 12th idem, from Messrs. Crawford & Buckland, to the Acting Municipal Commissioner, as follows :—

*Subject*;

Vehar Water Works.
Debt to Government.

Joint opinion of three Counsel.

SIR,—With reference to previous correspondence we have now the honour to forward herewith a copy of the joint opinion of the three counsel to whom it was decided that this case should be sent, namely, Mr. Farran, Mr. Inverarity and Mr. Jardine.

You will observe that they are unanimously adverse to the view contended for on behalf of the Corporation.

We herewith return some copies of Mr. Dadabhai Navroji's pamphlet and the memorial of the Corporation to the Secretary of State which we no longer require, having retained one copy of each for reference in case of necessity.—We have, &c.,

CRAWFORD & BUCKLAND.

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## *EXPARTE*—THE MUNICIPAL CORPORATION OF THE CITY OF BOMBAY.

## *RE*—MODE OF CALCULATING INTEREST ON THE VEHAR WATER WORKS DEBT TO GOVERNMENT.

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C

CASE FOR THE OPINION OF COUNSEL.

The Vehar Water Works which were constructed by Government and which under previous Acts had been made over to the predecessors of the Municipal Corporation, are, by Section 64 of the Bombay Municipal Act of 1872, vested in the Corporation for the residue of a term of 99 years, commencing on the 1st July 1863, in trust for the purposes of the Act and subject to the conditions thereinafter provided;

and by the same section provision is made, empowering Government at the end of the said term to vest the works in the Corporation for such further period not exceeding 99 years as shall seem expedient.

Section 140, after reciting that a sum in excess of the original estimate of 25 lakhs, had been expended in the construction of the Vehar Lake and Works, and in purchasing the interests of the tenants and occupants of the site of the lake and works, and that it had been agreed that half the excess should be defrayed out of the public revenue, enacted that all sums so expended in excess of Rs. 45,42,394 should be held to have been defrayed out of the public revenue, and that the sum of Rs. 37,30,053 should be held to have been the sum due to Government on account of the said works on the 1st July 1863, and further that "the said sum of "Rs. 37,30,053, with simple interest at the rate of 4 per cent. per annum "from the 1st day of July 1863, together with all sums advanced "by Government in connection with the said works since the "said 1st day of July 1863, with simple interest thereon at the rate of "4 per cent. per annum, shall be repaid by the Commissioner on behalf "of the Corporation to the Government by monthly instalments of "Rs. 14,600 to be paid on the 1st day of every month until the "whole of the said debt to Government be liquidated." Clause 2 of the same section then goes on to prescribe that the monthly instalments are to be appropriated, "*first*, to the payment of the interest "accrued on account of the said sum of Rs. 37,30,053 from the "1st day of July 1863; *secondly*, to the payment of interest on all "sums subsequently advanced as aforesaid; and *lastly*, to the payment "of all sums subsequently advanced as aforesaid, and then to the "liquidation of the said principal sum of Rs. 37,30,053."

The provisions of this Section 140 are practically the same as those of Section 84 of the former Municipal Act (Act II. of 1865), save that monthly instalments of Rs. 14,600 each are substituted or the annual instalments of Rs. 1,75,000 by which the debt was payable under the Act of 1865.

For many years past a question of the greatest importance has been pending between the Municipality and Government as to the mode in which the payments made by the former to the latter should be appropriated and the account of the debt made up, and in considering this question it is necessary to become acquainted with and bear in mind the previous legislative enactments on the subject of this debt, and the circumstances which led to the ultimate adjustment of the balance and arrangement for its liquidation with *simple interest* as embodied in the first clause of section 140 of the present Acts; for particulars on these points counsel are referred to the elaborate and exhaustive remarks by Mr. Dadabhai Navroji in the accompanying pamphlet.

The Corporation contend that the interest which it was agreed that they should pay, and which they in fact became liable to pay, was *simple interest* and nothing more; that there were very good reasons why the case should have been and was treated as a *special* one in this respect; that the provision for *simple interest* which occurs twice over in clause 1 of section 140 was deliberate; that the mode of appropriation prescribed by clause 2 would in fact involve the payment of compound interest and was therefore altogether inconsistent with clause 1; and that this must have been the result of mere oversight at the time the Act was passed.

With a view to the correct settlement of the terms of the repayment of the debt the Corporation appointed a special Committee of their number to enquire into and report on the subject, and at their meeting held on the 13th November 1884, when the report of this Committee was laid before the Corporation for discussion, Mr. Dadabhai Navroji, who was a prominent member of that Committee, moved the proposition and supported it by the remarks, arguments and calculations, which will be found in the abovementioned pamphlet, and to which counsel's attention is particularly requested.

Eventually, on the 9th March 1885 Mr. Dadabhai Navroji's motion was adopted, and passed as a resolution of the Municipal Corporation, and this resolution was submitted to the Bombay Government in a memorial of the Corporation, dated the 15th April 1885, in which the memorialists stated their contention to be :—"that, as the arrangement " agreed upon stands, *simple interest* only should be levied, but that the " charges standing against the Corporation as the result of the method " adopted by the Accountant-General during the last sixteen years are, " practically and actually, charges for monthly compound interest."

On the 11th August 1885 the Bombay Government, by their Resolution No. 3023, upheld the system which had been adopted by the Accountant-General, of appropriating the payments made in respect of the debt, and in fact decided against the contention of the Corporation.

Upon this the Corporation determined to memorialize the Secretary of State, and accordingly, in their memorial of the 26th March 1886, after respectfully replying to the arguments employed by the Bombay Government in their Resolution No. 3023, they prayed that his Lordship the Secretary of State for India in Council would direct that the account for the Vehar Water Works Debt should be settled in accordance with clause 1 (of section 140 of the Municipal Act) at "simple interest" in the manner proposed in the resolution of the Corporation.

The Secretary of State's reply to this memorial is conveyed in his despatch No. 93, dated 19th August 1886, to the Bombay Government, in which he says :—" In reply I request that the memorialists may " be informed that I am unable to accept the arguments advanced by " them, and that I concur with the Governments of India and Bombay " in the opinion that the existing arrangements are strictly in accord- " ance both with the law and with considerations of equity."

In addition to the separate pamphlet, a print of the memorial to the Secretary of State, to which are annexed as appendices :—*A*, the previous memorial to the Bombay Government; *B*, Resolution No. 3023 of the Bombay Government thereon; and *C*, a rejoinder to that Resolution in which the arguments therein employed are analyzed and answered in detail. To all these papers counsel's special attention is requested. In these several documents the question is so fully discussed in all its bearings that there seems nothing to add.

The controversy, as admitted on both sides, turns entirely on the interpretation of the phrase " simple interest " as used first in Bombay Act II of 1865, section 84, and subsequently in Bombay Act III of 1872.

Mr. Dadabhai Navroji has prepared two detailed accounts in respect of the liquidation of the debt:—the first (appendix No. 1) will be found at pp. 32*a* to 54 of the pamphlet, and shows how the debt would be liquidated according to the mode applied by the Accountant-

General, following the rule prescribed by clause 2 of section 140. According to this account the amount would not be fully paid off till June 1915.

The second (appendix No. II) will be found at pp. 56 to 87, and shows how the debt would be liquidated in July 1893 according to the mode contended for by the Corporation.

It seems impossible to gainsay the proposition that in account No. II simple interest is in fact calculated, and if so, it seems equally impossible to contend that in account No. I, simple interest only is charged, the two accounts are obviously irreconcileable, and if account No. II. is in strict accordance with clause 1 of section 140, and account No. I. is in strict accordance with clause 2, it seems evident that clause 2 must be inconsistent with clause 1.

The arguments of the Corporation in support of their contention that if there be such inconsistency the case should be governed by clause 1, rather than by clause 2, will be found briefly and clearly stated in paras. 17 and 18 of their Memorial to the Secretary of State.

Counsel are requested jointly and after consultation to advise the Corporation.

| QUESTIONS. | OPINION. |
|---|---|
| 1. Which of the two Liquidation accounts, Appendix No. 1 or Appendix No. II. to Mr. Dadabhai Navroji's pamphlet, is correctly worked out at simple interest? | 1. We are of opinion that the principle on which the account Appendix No. 1 to Mr. Dadabhai Navroji's pamphlet is worked out is the correct principle, and that the payments of interest shown therein are of simple interest. |
| 2. Is Clause 2 of Section 140 of the Municipal Acts, inconsistent with Clause 1 of the same section? and if so, which should prevail? | 2. In our opinion there is no inconsistency between Clauses 1 and 2 of Section 140 of the Bombay Municipal Acts. |
| 3. Will the Corporation be legally bound to continue the instalments of Rs. 14,600 per mensem after the date when, according to account No. 2, the whole Debt is liquidated. | 3. In our opinion the Corporation is legally bound to continue the payment of the instalments of Rs. 14,600 per mensem, until such time as the account calculated on the principle adopted in account No. 1 is liquidated? |
| And generally to advise the Corporation as to their position and legal rights in this matter and the course which they should adopt. | *Generally.*—It seems to us that there is no ground for the contention that compound interest, which is interest upon interest, is anywhere charged in the account Appendix No. 1. The question of compound interest never arises because the instalments are always in excess of the amount of interest accrued due at the dates of payment. Also it should be remembered that there is no difference in result between payment of |

compound or simple interest, if the payments of the latter are sufficiently frequent, but whether the interest be payable all at once or at intervals does not alter its character. The Municipality contends that it is to be treated as though the agreement were that the principal debt with simple interest for 30 years should be paid in 1893, in one lump sum, and therefore claims to be entitled to credit for interest on all instalments paid before that date for the period between the date of payment of instalment and 1893. We think that such contention is unsupportable, and that the instalments may be appropriated as laid down in Clause 2, Section 140, Municipal Acts.

C. F. FARRAN.
J. D. INVERARITY.
JAMES JARDINE.

5*th May* 1888.

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

That the following be *recorded* :—

"1. The joint opinion of Messrs C. F. Farran, J. D. Inverarity and James Jardine on the question of the mode of calculating interest on the Vehar Water Works debt to Government. No. 2543.

"2. Government Resolution No. 267, General Department, dated 24th January 1888, relative to the reversionary right of Government to the Vehar Lake."

*Carried nem con.*

Considered the following :—

BOMBAY, 27*th April* 1888.

To THE CHAIRMAN OF THE CORPORATION.

SIR,—The Committee appointed by the Corporation to consider the recommendations of the Committee on the Extension of Bombay, have the honor to report as follows :—

The Committee approve of the recommendations under Nos. 10 and 11, "*Government Lands*," as made by the Extension Committee. They have no other remarks to

offer on the subject of "vacant spaces," either as regards "Government land" or "private land."

Under the head of "*spaces to be left open*," the Extension Committee recommend that in 19 populous districts of the city, an open space of two acres in each district should be provided. The cost of carrying out this recommendation is prohibitive. In some of these districts land with buildings has recently been sold to the Corporation at Rs. 300 per square yard. But if land can be purchased at a cheaper rate in some of the districts, as it probably may be purchased, still the cost of providing two acres in each district, as recommended by the Extension Committee would be greater than the city can afford, unless Government would allow the Corporation to raise loans for this purpose to run for a period of 100 years. Only in this way, or by the contribution of land by public benefactors, can the recommendations of the Extension Committee be carried out. The Committee of the Corporation have no special recommendations to make to the Corporation on this subject.

On the subject of "*road extension*," the Committee have no special recommendation to make to the Corporation. The system of road extension in Bombay is at present undergoing improvement by (1) the purchase of vacant land in situations where houses are likely to spring up, as has been done on the old Byculla race-course, and (2) by purchasing land over and above what is required for a new road and selling the surplus to the highest bidder, as was done in the case of the Ripon Road. If the Corporation extend this system of road extension in any considerable way, then many necessary roads may be constructed, which cannot be constructed under the existing system of purchasing portion of road frontages when old houses are pulled down. Hitherto the Corporation have not altogether neglected road improvements, for the more urgent necessities of the city in regard to new roads have been met. The Committee will not, therefore, make any special recommendation to the Corporation on the subject of road extension.

Under the head of "*removal of existing buildings*," as all the recommendations of the Extension Committee refer to Government buildings, with two exceptions, the Committee have no remarks to offer on these recommenda-

tions. The Extension Committee recommend the removal of the Pinjrapol and the Bandora Slaughter-houses. The Committee need not consider the subject of purchasing the site of the Pinjrapol, as its removal will be resisted by the Hindoo community, while it can only be removed for the most convincing sanitary reasons. To the proposal to remove the Slaughter-houses to Matoonga, the Committee cannot agree. The present Slaughter-houses at Bandora were erected after giving the fullest consideration to all the available sites.

On the subject of "*arcades*" diverse opinions prevail. The Committee would, therefore, allow the Corporation to deal in its merits with each case that comes up.

The Committee approve of the recommendation to erect overbridges over the existing level crossings, especially at Falkland Road and Chaopati.

"*Reclamations*" do not come within the scope of the Corporation.

The subject of providing "*burial grounds*" is so constantly before the Corporation that the Committee do not see the necessity of making any special recommendation in regard to them.

Under the heads of "*offensive trades and manufactures, sanitation, powers of the Municipality* and *Municipal limits*," the Extension Committee have made numerous recommendations. As all these subjects belong to Legislation and have already been disposed of by the Corporation, when considering the Amended Municipal Bill, the Committee do not feel called upon to offer the Corporation any suggestions.

The Committee are of opinion that the report of the Extension Committee contains many suggestions which may be useful to the Corporation in the future, and that some of these suggestions will be carried out in due course. The reformed system of finance, which has recently been introduced by the Corporation on the recommendation of Major Selby, will furnish the Corporation with a much greater annual sum for expenditure in Municipal improvements. It may, therefore, be confidently anticipated that the Corporation will carry out some of these improvements in the order of their urgency and importance. Many of the suggested improvements of the Extension Committee

are not such as can possibly be carried out by the present generation ; their prohibitive cost places them beyond present consideration.

The Committee think that Government should be thanked by the Corporation for the trouble it has taken to make known to the public the Municipal necessities of Bombay in regard to future progress, as perceived by a very large and representative Committee.—We have the honor to be, Sir, Your most obedient servants,

THOMAS BLANEY, DOSABHAI FRAMJI, A. M. GUBBAY, ABDALLA M. DHARAMSI, G. COTTON, MULJI BHOWANIDASS BARBHAYA,* N. FUTEHALLY, HAROLD R. KING, H. O. SELBY, DHAMODHER THACKERSEY MOOLJEE, R. N. KHOTE, V. N. MANDLIK.†

*I have signed this report, but I am of opinion that, provided provision is made in some other part of the City for the reception of the animals kept in Pinjrapol, there will be no objection on the part of the Hindoo Community to its removal.

27*th April* 1888.

MULJI BHOWANIDASS BARBHAYA.

†I have already given my answers to the Extension Committee's questions ; and to the opinions therein expressed, I still adhere. With that reservation I sign this report.

16*th May* 1888.

V. N. MANDLIK.

Proposed by Thomas Blaney, Esq., seconded by Tribhowandas M. Nathoobhoy, Esq.—

" That the Report of the Committee of the Corporation on the several recommendations made by the Bombay Extension Committee, be approved.

" That, in forwarding copy of the same to Government, the Chairman be asked to offer the thanks of the Corporation, to his Excellency the Governor in Council, for the trouble which Government has taken to make known to the public the Municipal necessities of Bombay, as perceived by a very large and representative Committee.

No. 2544.

"That Government letters* Nos. 1039 and 1930 (General Department), dated 29th March and 6th June 1888, be *recorded.*"

*Carried unanimously.*

At 4-50 P.M., the meeting, on the motion of Thomas Blaney, Esq., seconded by Harkisondas Narrotumdas, Esq., adjourned.

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BOMBAY, *2nd July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th ultimo, and adjourned from the 28th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHUNKER YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

Letter was received from Colonel Merewether, apologizing for non-attendance.

The signing of the minutes of the adjourned Special General Meeting held on the 28th ultimo, was postponed.

In accordance with notice of motion, it was

Proposed by Major H. O. Selby—

"That the Municipal Bill, as finally passed by the Legislative Council, be referred to the Committee of the whole Corporation for advice on the following points :—(*a*) Whether it is desirable to take further steps to try and obtain the further amendment of the Bill before it becomes law? If not—(*b*) What resolution it is desirable for the Corporation to record—

No. 2616.

* Asking for a reply to Government letter No. 3664 (General Department) dated 6th December 1887, in which Government asked to be favoured with the views of the Corporation on the several recommendations of the Extension Committee.

(1) Regarding the defects still remaining in the Bill ; (2) Regarding those advances which in the opinion of the Corporation should have been made."

The motion was seconded by Tribhowandas Munguldas Nuthoobhoy, Esq.

On a division, the votes were *recorded* as under :—

| | |
|---|---|
| *For* | 12 |
| *Against* | 10 |

A poll was demanded by Mr. Dosabhai Framji, Sir Henry Morland and Messrs. Jamsetjee Pallonjee Kapadia, Cowasjee Hormusjee and Mahomed Hussein Hakim.

The Chairman nominated Major Selby as teller for the votes in favour of the motion, and Sir Henry Morland as teller for the votes against the motion.

The Chairman declared the result of the poll was as follows :—

| | |
|---|---|
| *For* | 18 |
| *Against* | 11 |

The motion was, therefore, *carried.*

*Division List.*

List of Members voting *for* the motion.

RAHIMTULA MOHAMED SAYANI; THOMAS BLANEY; G. COTTON; DAMODAR THAKERSI MULJI; EKNATH RAGHUNATH NARAYAN KHOTE; A. M. GUBBAY; JAVERILAL UMIASHANKAR YAJNIK; JAHANGHIR BYRAMJEE MURZBAN; KARSANDAS VALLABHDAS; KAVASJI DADY LIMJI; HAROLD R. KING; KAVASJI MEHERWANJI SHROFF; NAOROJI BEIRAMJI SUNTOOK; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY; RAGHUNATH NARAYAN KHOTE; H. O. SELBY; SHIVJI DHURMAJI; TRIBHOWANDAS MUNGULDAS NUTHOBHOY.

TOTAL 18

List of Members voting *against* the motion.

BYRAMJEE NUSSERWANJEE SERVAI; COWASJEE HORMUSJEE; DAMODAR TAPIDAS; DOSABHAI FRAMJI; J. R. DUXBURY; GRATTAN GEARY; JAMSHEDJEE PALLONJEE KAPADIA; KAIKHUSRO NOWROJI KABRAJI; MAHOMED HUSSEIN HAKIM; SIR HENRY MORLAND; MUNCHERJEE NOWROJEE BANAJEE.

TOTAL 11.

The following notice of motion was *withdrawn* by Mr. Blaney, as the Town Council and the Acting Municipal Commissioner are now enquiring into the question of the leakage :—

No. 2617. "That the Municipal Commissioner be requested to furnish the Corporation with report from the Executive Municipal Engineer of the Municipality, together with any remarks he may himself desire to add, as to whether the Malabar Hill Reservoir be or be not practically water-tight, and whether the Municipal

Executive Officers recommend any special measures to be taken."

On the proposal of Thomas Blaney, Esq., it was agreed that the consideration of the following notice of motion by Sir Henry Morland be postponed to Thursday next:—

"That a Committee be appointed to report to the Corporation (1) the most desirable method of giving effect to the schemes for making and widening streets as already decided upon; (2) the positions in which new streets are most needed, and the width of such thoroughfares; and (3) the best means of providing the funds required for carrying out such improvements."

In accordance with notice of motion, it was

Proposed by Thomas Blaney, Esq.—

No. 2618. "That the Municipal Commissioner be requested to furnish the Corporation with the proposed scheme of the distribution of the Tansa water-supply system, showing the size and length of the chief distribution mains, 24-inch and upwards, the roads upon which they are to be laid and the population they are intended to serve; and that, along with this, a lithographic tracing be given, showing the size and distribution of the mains, 12-inch and upwards, of the existing Vehar and Tulsi water-supply system."

The motion was seconded by Raghunath Narayan Khote, Esq., and *carried nem con.*

At 5 o'clock, the meeting separated.

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BOMBAY, *5th July* 1888.

AT a Quarterly Meeting of the Municipal Corporation of Bombay, held this day, there were present:

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; J. P. CORNFORTH, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M.,

F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEVUNDAS, Esq.; H. WILMOT ULOTH, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the CLERK AND SECRETARY.

The minutes of the adjourned Special General Meetings held on the 28th ultimo and 2nd instant, were signed.

Considered the following :—

No. 3027 of 1888.

JUDICIAL DEPARTMENT.

Bombay Castle, 9th June 1888.

The Governor in Council has received with deep regret intimation that Sir Frank Henry Souter, Knight, C.S.I., C.I.E., Commissioner of Police, Bombay, died suddenly at Ootacamund on Tuesday, the 5th instant. Sir Frank Souter joined the service of the Bombay Government in 1854 as Superintendent of Police in Dharwar and continued to serve in the same Department until his death. He received the repeated thanks of Government for distinguished service in the arrest of the Chief of Nargoond in 1858, in the destruction of the gang of dacoits under Bhagoji Naik in the Nasik District in 1859 when he fought with conspicuous gallantry, and on other occasions. He was appointed Commissioner of Police in Bombay in 1864, and contributed in a large measure by his own personal gallantry and tact to the restoration of tranquillity when the city was disturbed by serious riots in 1874. On several occasions his administrative services have been acknowledged by Government in reviewing the annual reports. His wide experience in detective work led to his selection for special duty at Baroda in the investigation of the charges brought against the late Gaekwar, and was applied with unvarying success to the discovery of serious crimes in the city of Bombay. His advice was frequently sought by Government in connection with police inquiries outside that city, while he also lent his services to Government on Boards of Examination, and on several Committees of Inquiry. In Municipal and other matters affecting the interests of Bombay he for many years took a leading part, and his loss will be felt as a public calamity not only by Government, but also by the inhabitants of the city of Bombay.

2. His perfect knowledge of the vernaculars, his kindliness of heart, and his personal courage inspired his subordinates with confidence, and his name will long be held in affectionate remembrance by those who served under him. His services were recognised by Her Majesty the Queen-Empress on three occasions; and the Governor in Council deplores the lamentable event which has removed so distinguished a servant of Her Majesty from the enjoyment of the fruits of his labours and of the honourable retirement to which he looked forward.

W. LEE-WARNER, Secretary to Government.

Proposed by Dosabhai Framji, Esq., seconded by Mahomed Hussein Hakim, Esq.—

"That Government Resolution No. 3027, Judicial Department, dated 9th June 1888, be *recorded.*"

*Carried.*

The election of a member of the Town Council in place of Sir Frank H. Souter, was proceeded with.

Proposed by Dosabhai Framji, Esq., seconded by Colonel G. Merewether—

"That Grattan Geary, Esq., be elected a member of the Town Council."

Proposed by Thomas Blaney, Esq., seconded by Narayan Gunesh Chandavarkar, Esq.—

"That Major H. O. Selby, be elected a member of the Town Council."

On the motion of Cowasjee Hormusjee, Esq., seconded by Mahomed Hussein Hakim, Esq., it was—

*Resolved :* That Mr. Sorabji Navaroji Cooper be appointed scrutineer, to assist the Clerk and Secretary in the scrutiny of the ballot papers.

The ballot was commenced at 3 o'clock p.m. and closed at 4 o'clock p.m. The report of the scrutineers was as follows :—

BOMBAY, 5*th July* 1888.

To RAHIMTULA MOHAMED SAYANI, ESQ., M.A., LL.B.,
Chairman, Municipal Corporation.

SIR,—We have the honor to report that we have made a scrutiny of the ballot papers recorded this day, for the election of a member of the Town Council, in place of Sir Frank H. Souter, deceased, and that the votes recorded in the papers are as under :—

| | | | |
|---|---|---|---|
| *For* Grattan Geary, Esq. | ... | ... | 20 |
| *For* Major H. O. Selby | ... | ... | 30 |

We have, &c., H. W. BARROW, Clerk and Secretary ; SORABJI NAVAROJI COOPER, Scrutineer.

P.S.—We have rejected one voting paper as the voter has written thereon the name of a candidate, which writing appears to be known to one of us.

H. W. B.
S. N. C.

The Chairman declared Major Selby to be duly elected accordingly.

Proposed by Cowasji Hormusjee, Esq., seconded by J. R. Duxbury, Esq.—

"That letter No. 2214, dated 23rd June 1888, from the Secretary, Town Council, reporting the Budget transfers

sanctioned by the Council up to 20th idem, as under, be *recorded* :—

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers sanctioned by them, up to 20th instant, Rs. 22,224-14-4, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section II, Gas Lighting, A, Streets and Bandars, and III, Kerosine-oil Lighting, B, Moiety of Lighting the Rajabai Clock Tower, Public Lighting Branch, Engineer's Budget, to Section III, Labour, Markets and Slaughter Houses, Health Department Budget, to meet the cost of 7 Ramosees for watching in the Crawford Markets at night for 10 months ..... | 770 | 0 | 0 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to Section II., Office Establishment, D, Cash Branch, Controller's Department Budget, to meet the cost of acting arrangement made during the absence of Mr. Byramjee Sheriarji, Cashier, Controller's Office, on privilege leave for two months, from 1st June 1888. ..... | 52 | 0 | 0 |
| Transfer from the grant of Rs. 7,000, provided in the Fire Brigade Budget, for new stations and appliance, to the grant of Rs. 16,000, for new charges on account of the Fire Brigade, same Budget, to meet excess in the cost of two Shand and Mason's No. 1, London Brigade vertical steam fire engines, purchased for the Fire Brigade, at a cost of Rs. 18,356, including fittings, hose, &c., complete.. | 2,356 | 0 | 0 |
| Transfer from savings in the sanction for the construction of the ovoid sewer in Argyle Road, to the grant for carrying out departmentally the house connection (sullage water) work in Khetwady, to meet excess over the estimate prepared in 1881, in which, by error, the 15 per cent. contingencies for the work was entered at Rs. 5,776 less than the actual amount ; and to meet additional charges for connecting houses which were not in existence when the estimates were framed..... | 19,046 | 14 | 4 |
| Rs.... | 22,224 | 14 | 4 |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council."

Moved by Thomas Blancy, Esq., seconded by Bomonjee Pestonjee Master, Esq.—

"That the Town Council be requested to submit a report to the Corporation on any increased expenditure which may appear to them to be necessary, to provide night watchmen for the public markets."

The rider was not accepted as part of the original proposition.

Thereupon the proposal made by Mr. Blaney was put to the meeting as an amendment.

*Amendment*, moved by Thomas Blaney, Esq., seconded by Bomonjee Pestonjee Master, Esq.—

"That letter No. 2214, dated 23rd June 1888, from the Secretary, Town Council, reporting the Budget transfers sanctioned by the Council up to 20th idem, as under, be *recorded*:—

No. 2709.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers sanctioned by them, up to 20th instant, Rs. 22,224-14-4, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section II., Gas Lighting, A. Streets and Bandars, and III., Kerosine-oil Lighting, B, Moiety of Lighting the Rajabai Clock Tower, Public lighting Branch, Engineer's Budget, to Section III., Labour, Markets and Slaughter Houses, Health Department Budget, to meet the cost of 7 Ramosees for watching in the Crawford Markets at night for 10 months ..... | 770 | 0 | 0 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to Section II., Office Establishment, D, Cash Branch, Controller's Department Budget, to meet the cost of acting arrangement made during the absence of Mr. Byramjee Sheriarji, Cashier, Controller's Office, on privilege leave for two months, from 1st June 1888 ..... | 52 | 0 | 0 |
| Transfer from the grant of Rs. 7,000, provided in the Fire Brigade Budget, for new stations and appliance, to the grant of Rs. 16,000 for new charges on account of the Fire Brigade, same Budget, to meet excess in the cost of two Shand and Mason's No. 1, London Brigade vertical steam fire engines, purchased for the Fire Brigade, at a cost of Rs. 18,356, including fittings, hose, &c., complete.. | 2,356 | 0 | 0 |
| Transfer from savings in the sanction for the construction of the ovoid sewer in Argyle Road, to the grant for carrying out departmentally the house connection (sullage water) work in Khetwady, to meet excess over the estimate prepared in 1881, in which, by error, the 15 per cent. contingencies for the work was entered at Rs. 5,776 less than the actual amount; and to meet additional charges for connecting houses which were not in existence when the estimate were framed ..... | 19,046 | 14 | 4 |
| Rs.... | 22,224 | 14 | 4 |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council."

"That the Town Council be requested to submit a report to the Corporation on any increased expenditure which may appear to them to be necessary to provide night watchmen for the public markets."

On a division, there were 19 votes *for* and 12 *against* the motion which was *carried*, as a substantive proposition, the votes being 22 *for* and 8 *against*.

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That, as recommended by the Town Council, sanction be given to the closing of the Nesbit Lane old level crossing, subject to the conditions contained in para. 4 of Government Resolution No. 1058, Public Works Department (Railway), dated 16th May 1888; and to the payment to the G. I. P. Railway Company of 5 per cent. (Rs. 7,700, or thereabout), for supervision charges for the construction of the Nesbit Lane (Ollivant) over-bridge to the debit of savings on the original grant.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Kaikhusro Nowroji Kabraji, Esq., it was agreed that the consideration of this question be postponed to Thursday next, and that the papers on the subject, be placed on the table for inspection by members.

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That, as recommended by the Town Council, sanction
No. 2710. be given to the purchase of 638 square yards of land, or thereabout, on the Flats, from Government at Re. 1 per square yard, to be handed over to Mr. Farrow, in accordance with an agreement made with him and sanctioned by the Corporation on the 4th April last, which land was handed over to Mr. Farrow along with other plots by the Municipality, on the supposition that the same was the property of the Corporation."

*Carried nem con.*

On the motion of Sir Henry Morland, seconded by Shivji
No. 2711. Dhurmaji, Esq., the following was *recorded*:—

No. 1856 OF 1888.

GENERAL DEPARTMENT, BOMBAY CASTLE,
31*st May* 1888.

TO THE CHAIRMAN OF THE MUNICIPAL CORPORATION, BOMBAY.

SIR,—With reference to your letter No. 2297, dated 15th February last, informing Government of the views of the Corporation on the subject of the imposition of a dog-tax in the city of Bombay, I am directed to state that your letter has been recorded.—I have, &c.,

E. LAWRENCE, Acting Under Secretary to Government.

Considered petition, dated 5th June 1888, from residents of Banam Hall Lane, asking that the lane may be declared to be a public one, and the Town Council's Resolution

thereon No. 1859, dated 13th idem, stating that the Corporation be informed that the Town Council have referred the petition to the Acting Municipal Commissioner, for report in reference to the Corporation's Resolution No. 1648, dated 24th November 1887.

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

No. 2712. "That petition, dated 5th June 1888, from residents of Banam Hall Lane, be referred to the Acting Municipal Commissioner for report, in continuation of the Town Council's Resolution No. 1859, dated 13th idem."

*Carried.*

Considered memorandum No. 3370, dated 28th May 1888, from the Acting Municipal Commissioner, forwarding copy of Government Resolution No. 1278, General Department, dated 26th April 1888, on the subject of the Municipal taxation and expenditure in the Bombay Presidency, including Sind, for the year 1886-87, and the Annual Administration Report of the Municipal Commissioner of Bombay for the same period. (*See* minutes of the meeting of the Town Council, held on the 30th May 1888.)

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 2713. "That Government Resolution No. 1278, General Department, dated 26th April 1888, be *recorded.*"

*Carried.*

With the consent of the meeting, the Chairman gave priority to the following :—

Read memorandum No. 5013, dated 23rd ultimo, from the Acting Municipal Commissioner, forwarding, with reference to the Corporation's Resolution No. 1866, dated 14th idem, letter, dated 18th ditto, from Mr. F. W. Stevens, to the Acting Commissioner, as follows :—

SIR,—I have the honor to acknowledge your No. 4577 of 1888-89, and its accompaniment, and shall be pleased to call at your office tomorrow (Tuesday) afternoon, as therein requested at, say, 2-45 p.m.

I beg you will convey to the Corporation my best thanks for the honor they have done me in entrusting to me the designing construction of their new buildings. I hope to be able to show that their confidence has not been misplaced.—I have, &c., FREDERICK W. STEVENS.

Proposed by J. R. Duxbury, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 2714. "That letter, dated 18th ultimo, from Mr. Frederick W. Stevens, be *recorded*."

*Carried nem. con.*

At 5 o'clock, the meeting separated, and the Chairman fixed Monday, the 9th instant, at 3-5 P.M., for the adjournment of this meeting, and 3 P.M. on the same day, for the adjourned Special General Meeting.

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BOMBAY, *5th July* 1888.

The adjourned Special General Meeting (originally called for the 4th ultimo, and adjourned from the 2nd instant), appointed for this day, was not held, as the business of the Quarterly Meeting, as above, lasted until the Corporation separated.

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BOMBAY, *9th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th ultimo, and adjourned from the 5th instant), called for this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman*.

THOMAS BLANEY, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman, at 15 minutes past 3 P.M., adjourned the meeting to Thursday, the 12th instant, at 3 P.M.

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BOMBAY, *9th July* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 5th

instant, and adjourned from the same day), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAVERILAL UMIASHANKAR YANJIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; COWASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

Letter was received from Mr. Dosabhai Framji, C.S.I., apologizing for non-attendance on account of illness.

The signing of the minutes of the Quarterly Meeting held on the 5th instant, and the record of the adjourned Special General Meeting called for that day, was postponed.

Proposed by Sir Henry Morland, seconded by Cowasjee Hormusjee, Esq.—

"That, subject to the sanction of the Government of India being given to the raising of the necessary loan, and as recommended by the Town Council, sanction be given to the following:—

No. 2797.

'i. The extension of Bhuleshwar Vegetable and Fruit * Market, by the addition of 102 stalls thereto, including the cost of acquiring 742 square yards of land and seven houses standing thereon, at an estimated cost of Rs. 1,45,365, for land and houses, and the market building to the debit of Loan Account.

'ii. Payment of advances on this account from available balances, such advances to be hereafter adjusted to the debit of Loan Account.

'iii. Application being made to Government, by the Acting Municipal Commissioner, for the taking up, under the Land Acquisition Act, of the following plots of ground situate on the north and east side of Bhuleshwar Road, and shown on the tracing marked A, dated 13th June 1888, accompanying the Acting Commissioner's letter No. 4321,

*The words "and fruit" were inserted between the words "vegetable" and "market," in para I of this motion, by the mover, with the permission of the meeting.

dated 12th instant, required for the extension of the market and widening of the roadway :—

Plot H, property of Kuver Natha, total value of both land and existing buildings, Rs. 6,786 ; Plot I, property of Jamnadas Tulsidas, total value of both land and existing buildings, Rs. 10,256 ; Plot J, property of Dayal Shamji, total value of both land and existing buildings, Rs. 15,544 ; Plot K, property of Manmohandas Parmanandas, total value of both land and existing buildings, Rs. 13,658 ; Plot L, property of Gungadhar Vizbhukandas, total value of both land and existing buildings, Rs. 25,029 ; Plot A, property of Nandram Khatav, total value of both land and existing buildings, Rs. 4,075 ; Plot M, property of Shivram Purshotam, total value of both land and existing buildings, Rs. 13,286. Total Rs. 88,634. *Add*—15 per cent. for compulsory possession, Rs. 13,295. Total Rs. 1,01,929. *Add*—10 per cent. contingencies, Rs. 10,193. Total Rs. 1,12,122.

'iv. The purchase of ground required for the widening of Bhuleshwar Road, from the Market to Kalbadevi Road (Mombadevi), at an estimated initial cost of Rs. 37,752, of 143 square yards, and the building thereon being part of the chawl, the property of Mr. Nusserwanjee Manockjee Petit, also situated on the north of the Bhuleshwar Road, of which 82 square yards, or thereabout, at an estimated cost of Rs. 23,722, will be added to the roadway, and the remaining 61 square yards will be available for future disposal."

*First amendment*, moved by Mulji Bhavanidas Barbhaya, Esq., seconded by Naoroji Beiramji Suntook, Esq.—

"That the Town Council's Resolution No. 1860, dated 13th June last, be referred to the Committee of the following members for the purpose of considering with the Municipal Commissioner, whether the plots H, I, J, K, L, A and M can be purchased at the sums specified in the said resolution, and if not whether it is not advisable to extend Bhuleshwar Vegetable Market eastward, instead of on the north, and to prepare a plan and an estimate of the land to be puchased, and the estimated cost thereof.

"That the Committee do make its report within one month from this day.

"That Dr. Blaney, Khan Bahadur Muncherjee C. Murzban, Messrs. Javerilal Umiashankar Yajnik, Damodardas Tapidass, Damodhar Thackersey Mulji and Bhaishankar Nanabhai, be the Committee."

*Second amendment*, moved by K. M. Shroff, Esq., seconded by Dr. R. N. Khory—

"That the subject embodied in the Town Council's Resolution No. 1860, in respect of the extension of

the Bhuleshwar Vegetable Market, be referred to a Committee of the Corporation, to ascertain the probable cost of the proposed extension as recommended by the Town Council, and to report on the advisability, or otherwise of removing the market to 3rd Bhoiwada to a plot of ground belonging to Bai Tuljibai."

The Committee to consist of—

1 BOMONJEE PESTONJEE MASTER, Esq.; 2 DAMODAR TAPIDAS, Esq.; 3 HURKISSONDAS NARROTUMDAS, Esq.; 4 JAMSHEDJEE PALLONJEE KAPADIA, Esq.; 5 EKNATH RAGHUNATH KHOTE, Esq.; 6 MULJEE BHAWANIDAS BARBHAYA, Esq.; 7 MAJOR H. O. SELBY; 8 DR. THOMAS BLANEY; 9 ABDULLA M. DHARAMSI, Esq.*

On a division, the votes were recorded, as under :—

| | *For* | *Against* | |
|---|---|---|---|
| Second amendment ..... | 2 | 15 | *Lost.* |
| First do. ..... | 2 | 15 | „ |
| Original motion ..... | 19 | 2 | *Carried.* |

At 5 o'clock, the meeting separated, and the Chairman fixed Monday, the 16th instant, at 3 p.m., for the adjournment of this meeting.

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BOMBAY, 12*th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th ultimo, and adjourned from the 9th instant, for want of a quorum of members to form a quorum), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; R. GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDASS NARROTUMDASS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJEE KABRAJI, Esq.; KAVASJEE DADY LIMJEE, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMED FUTEHALLY, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDASS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDASS VURJEEWANDASS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the Quarterly Meeting held on the 5th instant; the record of the adjourned Special General Meet-

* As the Chairman requested that his name should be removed from the list, the name of Mr. Abdulla M. Dharamsi was inserted in the list instead.

ing called for the same day ; ditto ditto for 9th instant; and the minutes of the adjourned Quarterly Meeting held on the same day, were signed.

With the consent of the meeting, the Chairman gave priority to notice of motion from Major Selby on the subject of overbridges.

In accordance with an arrangement come to at the meeting held on the 5th instant, the Chairman submitted for consideration as one subject for disposal by this meeting, this notice of motion, as also the subjoined letter from the Acting Municipal Commissioner.

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No. 4390 of 1888-89. BOMBAY, 13*th June* 1888.

To the CLERK, MUNICIPAL CORPORATION.

SIR,—As requested in Corporation Resolution No. 1795 of 12th December 1887, I have the honour to report as follows:—

There is a large mass of correspondence in the office files on the subject of overbridges, from 1862 downwards. The fact that the B. B. and C. I. Railway are bound to construct overbridges when required to do so, has been repeatedly stated in various Government Resolutions, and it seems unnecessary to give more than a few extracts.

Government Resolution No. 567, Railway Department, dated 16th March 1868, paragraph 7, declares :—

"Overbridges will have to be constructed by the Railway Company, and Government consider that they may be required—

1. Where a level crossing is shown north of the proposed Charni Station.
2. At the level crossing shown opposite Church Gate Street.
3. At some intermediate point to be hereafter determined.
4. Across the branch leading to the proposed passenger terminus."

Government Resolution, Railway Department, No. 222 of 24th February 1872, para. 4, is as follows :—

"An overbridge at Church Gate Street is indispensable."

Government Resolution No. 799, dated 9th April 1868, para. 5 :—

"Government will reserve to itself the right of insisting on the construction of all the bridges specified in Government Resolution No. 567 of 16th March 1868" (above quoted).

Government Resolution No. 1131 of 1872, Railway Department, para. 8, also declares :—

"It is to be clearly understood, and referring more particularly to Government Resolution No. 799, dated 9th April 1868, that Government do not forego their right under the contract to call upon the Company to construct any additional crossings or bridges, that may hereafter be required on this line, or on the new line should the rails be shifted, provided that the Company are not to be called upon to pay for a second bridge or crossing on the same line of road."

These Resolutions again are exactly in accord with the earlier one, No. 458 of 16th February 1866, which runs as follows :—

"The course suggested by Colonel DeLisle may be adopted, provided it be clearly understood that the delay in no way impairs the right of Government to insist on overbridges when required."

Regarding the Falkland Road overbridge, Government letter No. 1495 of 30th June 1864, addressed to the three joint Municipal Commissioners of those days, states :—

"If the Commissioners state that the Falkland Road must also be bridged the Company will be asked to send in a plan, and it will be sanctioned, though the cost will be probably no less than a lakh of rupees."

A later Government Resolution, No. 1472 of 9th July 1866, also declared :—

"Colonel DeLisle should make it clearly understood by the Railway Company, that Government will require the overbridge at Falkland Road to be constructed whenever the Municipal Commissioner and Government may consider it necessary."

Acting on this latter Government Resolution, Mr. Ollivant wrote (No. 600, dated 15th April 1887) to Government that the Falkland Road bridge was in his opinion now necessary.

The Agent of the B. B. and C. I. Railway in a note, forwarded with the Consulting Engineer's No. 3641 of 8th June 1887, wrote :—

"The Government will not, I trust, press, until further necessity arises, the construction of the Falkland Road overbridge which the Company has years ago recognized its liability to construct or when the expansion of traffic really demanded it."

In reply to this I insisted in my letter No. 5169 of 4th July 1887, that the construction of the bridge was now an urgent necessity.

After this a meeting was held on 10th December 1887, at which were present the Agent of the Railway, the Consulting Engineer to Government, and the Acting Municipal Commissioner.

At that meeting the necessity for the bridge was not disputed, but the Agent of the Railway Company objected to the width of 60 feet claimed by Mr. Ollivant, and negotiations are still going on with reference to the width of the overbridge and low level roads.

The Railway Company prepared a plan for a 30 feet road and this I have declined to accept as sufficient.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

In accordance with notice of motion, Major Selby moved—

"That the Chairman do forward a copy of the précis *re* overbridges in the Island of Bombay, to the Secretary to Government in the Railway Department, and that he be further requested to inform Government that the construction of the Falkland Road overbridge may be at once undertaken (*see* para. 9 of Government letter, Revenue Department, No. 1495, dated 30th June 1860), the plans being forwarded to the Corporation for approval.

No. 2811.

"2. That, with regard to the G. I. P. Railway, the Chairman do inform Government that so far as the Cor-

poration can legally do so, they will object to that Company laying any fresh *additional* lines across any public thoroughfare till they engage to provide such overbridges as may be necessary, whenever called upon to do so.

"3. That the Chairman do further request Government to be good enough to address all correspondence on the subject of overbridges to him."

The motion was seconded by Mahomed Hussein Hakim, Esq., and *carried nem. con.*

Proposed by Sir Henry Morland, seconded by Thomas Blaney, Esq.—

"That letter No. 4390, dated 13th June 1888, from the Acting Municipal Commissioner to the Clerk, on the subject of overbridges, be *recorded.*

No. 2812.

"That the thanks of this meeting be tendered to Major Selby for the trouble taken and expense incurred by him in the preparation from the Municipal records of the printed *précis* which has been circulated to members of the Corporation, of the papers relating to the whole question of overbridges on the B. B. & C. I. Railway in the Island of Bombay."

*Carried unanimously.*

In accordance with notice of motion, it was proposed by Sir Henry Morland—

"That a Committee be appointed to report to the Corporation, (1) the most desirable method of giving effect to the schemes for making and widening streets as already decided upon; (2) the positions in which new streets are most needed, and the width of such thoroughfares; and (3) the best means of providing the funds required for carrying out such improvements.

No. 2813.

"Major H. O. Selby, Chairman; Khan Bahadur Muncherjee C. Murzban; Major Gerald Martin; Raghunath Narayan Khote, Esq.; J. R. Duxbury, Esq.; T. Blaney, Esq.; Fazulbhoy Visram, Esq.; Sir Henry Morland.*

"With power to add to their number. Three members to form a quorum. The Committee to have full powers to require papers, call for information, &c., &c."

Seconded by Tribhowundas Vurjeewandas, Esq.

*Carried nem. con.*

* The name of Sir Henry Morland was added on the proposal of Mr. Mahomed Hussein Hakim.

Proposed by Thomas Blaney, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That the estimate of Rs. 825, for cost of providing 10 marble slabs for 10 fish stalls in the fish market in the Crawford Market premises, forwarded by the Town Council, be approved.

No. 2814.

"That on the Council's applying for sanction to such expenditure, the Corporation will be prepared to give such sanction."

*Carried nem con.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That the Town Council's Resolution No. 1053, dated 9th May 1888, be *recorded.*"

No. 2815.

In accordance with notice of motion, Thomas Blaney, Esq., proposed the following *amendment* :—

"That the Corporation adheres to its Resolution No. 1601, dated the 21st of November last, to make provision for erecting a line of shops over the northern arcade of the Crawford Market."

Bomanjee Pestonjee Master, Esq., seconded the amendment.

On a division, the amendment was *lost*, and the original motion was *carried* by 11 votes *against* 2.

Considered the Town Council's Resolution No. 626, dated 25th April 1888, stating, with reference to the Corporation's Resolution No. 2369, dated 23rd February 1888, that leave of absence to Municipal officers and servants is granted under the terms of Section 58 of the Municipal Acts, which provides that it shall be lawful for the Council to grant such leave of absence to any officer as to them shall seem proper. As regards allowances during such absence, the Council have adopted the Uncovenanted service rules of Government in that behalf. In the recent case of Mr. Walton, however, the Council made an exception under conditions which had not arisen in any previous case.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That the Town Council's Resolution No. 626, dated 25th April 1888, be *recorded.*"

*Amendment*, moved by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Corporation cannot approve of the action of the Town Council in granting privilege leave and sick leave in continuation thereof to Mr. Walton, Executive Engineer, contrary to the terms of the Uncovenanted Service Rules of Government."

No. 2816.

On a division, the amendment was *carried* as a substantive motion by 9 votes *against* 5.

The meeting adjourned at 5-15 P.M., and the Chairman fixed Monday, the 16th instant, at 3-15 P.M., for the adjournment of this meeting.

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BOMBAY, 16*th July* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 3rd instant, and adjourned from the 9th idem), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman*,

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDASS, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJEE DADY LIMJEE, Esq.; KAVASJEE MEHERWANJEE SHROFE, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDASS MUNGULDASS NUTHOOBHOY, Esq.; MAJOR H. O. SELBY, R. E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDASS MUNGULDASS NUTHOOBHOY, Esq.; TRIBHOWANDASS VURJEEWANDASS, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWUNDASS PURSHOTUMDASS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the meeting held on the 12th instant, were signed.

It was agreed that the motion, proposed on the 5th instant, by Mr. Dosabhai Framji, seconded by Colonel Merewether, regarding the Nesbit Lane overbridge, be re-moved as a new proposition.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Town Council, sanction be given to the closing of the Nesbit Lane old level crossing and the handing back to Government, of the land occupied by the same, except so

No. 2960.

much thereof as is required for improving the line of the roadway (as per plan marked A, dated this day), subject to the conditions contained in para. 4 of Government Resolution No. 1058, Public Works Department (Railway), dated 16th May 1888, and to the payment to the G. I. P. Railway Company, of 5 per cent. (Rs. 7,700), or thereabout, for supervision charges for the construction of the Nesbit Lane (Ollivant) overbridge, to the debit of savings on the original grant."

The Chairman informed the meeting that a memorial was received this day, signed by a large number of persons, objecting to the closing of the level crossing.

With the consent of the meeting, the memorial was read as follows :—

THE SECRETARY, BOMBAY MUNICIPAL CORPORATION.

SIR,—I beg to enclose petition from inhabitants and users of the level crossing over the Railway at Nesbit Lane, which please lay before the Chairman of the Corporation.—I have, &c., ERASMUS BEYNON.

MAZAGON, 16*th July* 1888.

10*th July* 1888.

TO THE CHAIRMAN, BOMBAY MUNICIPAL CORPORATION,

BOMBAY.

SIR,—We, the undersigned inhabitants of Byculla and Mazagon and its neighbourhood, have observed with regret that a proposal is now before the Corporation to close permanently the railway level-crossing in Nesbit Lane, consequent on the completion of the new Ollivant Bridge, and we venture respectfully to address you with a request that the assent of the Corporation may not be given to the measure until at least a substitute in the shape of a foot-bridge in room of the present level-crossing is provided for the use of foot passengers.

2. The objection to the abolition of the level-crossing, and the necessity for replacing it, in the event of its abolition, by a foot-bridge, were discussed at some length at the last meeting of the Corporation, and there is little for us to add here on these points. We desire, however, to bring to notice that the level-crossing in question has been used for many years by foot passengers of all classes of the community proceeding from Nesbit Lane, Mount Road, and the neighbourhood to the B. E. S. Press, Clare Road, Haines Road, their vicinities, as well as Parel, and *vice versa* ; and it is now considered that this custom has established a right of way through the Railway gates, which should not be lightly disturbed. And apart from this we would point to the very great inconvenience which will be occasioned to a large number of persons hitherto accustomed to use the level-crossing, if it is abolished, without a substitute footway being provided, by reason of their being compelled to use the Ollivant Bridge Road, necessitating a great detour, and much loss of time to people proceeding from Mazagon to Clare Road and its neighbourhood and the reverse.

3. Under all the circumstances of the case, we trust that our request may receive favourable consideration at your hands and those of the Corporation, and that in the interests of a considerable section of the community the proposal to close to the Nesbit Lane level-crossing may not be carried without some means being devised to replace it by a convenient foot-way.—We have, &c.,

W. P. WALSHE, J.P.; A. M. FERNANDES; (and 122 other Signatures.)

The motion was *carried nem. con.*

In accordance with notice of motion, it was—

Proposed by Grattan Geary, Esq.—

No. 2961. "That when motions are made for the appointment of Committees of the Corporation, the members to act on the said Committee be proposed not by the mover, but be selected by ballot of the Corporation."

The motion was seconded by Colonel Merewether.

On a division, there were 2 votes *for* the motion, and a large majority *against.*

The motion was, therefore, *lost.*

Proposed by Major Selby, seconded by Shivji Dhurmaji, Esq.—

No. 2962. "That the papers regarding the relative cost of drainage work constructed by the Port Trust and the Municipality, received with the Town Council's Resolution No. 2202, dated 20th June 1888, be *recorded*, with the remark that the Executive Engineer be informed that in passing their former Resolution, the Corporation intended to give the Engineering Department an opportunity of defending itself."

*Carried nem. con.*

Considered letter to the Chairman No. 5690, dated 3rd instant, from the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to request the sanction of the Corporation under Section 154 of the Municipal Act, to the line of roads shewn in red dotted line on the accompanying plan.

The roads I propose are between Ripon Road and Haines Road, and the sanction I ask for is not for any expenditure of money, but is only for the line of the road in order that persons intending to build may be prevented from building in irregular lines and compelled to adhere to a line which can be hereafter formed into a suitable street.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Sir Henry Morland, seconded by Hurkissondas Narrotumdas, Esq.—

"That sanction be given, under Section 154 of the Municipal Acts III. of 1872 and IV. of 1878, to the laying out of the following main roads to be hereafter constructed, east and west, in the district, between Haines and Ripon Roads, together with cross roads, north and south, as shown in red dotted line on the plan marked B., dated this day, accompanying the Acting Municipal Commissioner's letter No. 5690, dated 3rd instant.

No. 2963.

"That, in laying out these new streets, the Commissioner be requested to apply to the Town Council for sanction to the purchasing, as far as may be practicable, of the land necessary for the houses and buildings to form the streets."

*Carried nem. con.*

Shortly after 5 o'clock, the meeting separated and the Chairman fixed Monday, the 23rd instant, at 3 P.M., for the adjournment of this meeting, and 3 P.M., on the same day, for the Adjourned Special General Meeting, and 3 P.M., ditto for the Special General Meeting.

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BOMBAY, 16*th July* 1888.

The adjourned Special General Meeting (originally called for the 4th ultimo, and adjourned from the 12th instant), appointed for this day, was not held, as the business of the Quarterly Meeting, as above, lasted until the Corporation separated.

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BOMBAY, 16*th July* 1888.

The Special General Meeting called for this day, was not held as the business of the Quarterly Meeting, as above, was not finished when the Corporation separated.

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BOMBAY, 23*rd July* 1888.

AT the adjourned Quarterly Meeting of the Municipal Corporation of Bombay (originally called for the 5th instant, and adjourned from the 16th idem), held this day, there were present :—

RAHIMTULLA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH

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RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRU NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDHASS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN, CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M. F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK and SECRETARY.

The minutes of the adjourned Quarterly Meeting held on the 16th instant, and the record of the adjourned Special General and Special General Meetings called for that day, were signed.

In accordance with notice of motion, it was—

Proposed by Javerilal Umiashankar Yajnik, Esq.—

"That the Chairman be requested to address Government in the General Department, on the subject of the Draft Bill prepared by the Corporation for the prevention of the adulteration of articles of food generally, asking that Government will be pleased to introduce that measure, or such portions of it as have not been embodied in the new Municipal Bill into the Legislative Council at an early date, the Corporation being given to understand that the new Bill does not give the necessary power to deal with the evil.

No. 3274.

"That if Government are not prepared to deal with the general question at present, His Excellency in Council will be pleased to proceed with the matter so far as it relates to the adulteration of ghee, grain and milk."*

The motion was seconded by Raghunath Narayen Khote, Esq., and *carried nem. con.*

It was agreed that the papers relating to the question of the period for the repayment of the Tansa Works and other Loan, be transferred to the meeting appointed for this day fortnight.

This concluded the business of the meeting.

* The mover modified the terms of the original notice which was as follows :—

"That the Chairman be requested to address Government in the General Department, on the subject of the Draft Bill prepared by the Corporation for the prevention of the adulteration of Ghee, asking that Government will be pleased to introduce that measure, or such portions of it as have not been embodied in the new Municipal Bill, into the Legislative Council at an early date."

BOMBAY, 23*rd July* 1888.

AT the Special General Meeting of the Municipal Corporation of Bombay, (adjourned from the 16th instant), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJEE, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJEE SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B., PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK and SECRETARY.

Proposed by Sir Henry Morland, seconded by J. R. Duxbury, Esq.—

"That letter No. 2718, dated 7th instant, from the Secretary, Town Council, reporting the Budget transfers sanctioned by the Council up to 4th idem, as under, be *recorded* :—

No. 3275.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers sanctioned by them, up to 4th instant, Rs. 9,407-9-4, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings—(1) in Section I, Inspectors, &c., Miscellaneous Drainage; (2) in Section I., Establishment, maintenance of Love Grove Pumping Station; (3) in Section II., A, D, E & F, Gas Lighting, and III., A & B, kerosine oil lighting, Engineer's Budget; (4) in Section II., Labour, including feed of cattle, Conservancy Branch, Health Department Budget, to the grant for special provision for cleaning, lighting and repairing Port Trust Wharves, to meet the cost of lighting Prince's Dock with 37 lamps to the end of the current year..... | 7,224 | 0 | 0 |
| Transfer from savings in Section II., Labour, A., Scavengering (feed of bullocks), Conservancy Branch, Health Department Budget, to Section IX., Repairs, Markets and Slaughter Houses, same Budget, to meet the cost of alterations to 45 stalls in Crawford Beef Market at Rs. 35 each; and making of an additional new bench 4′ × 3′ for the said market at a cost of Rs. 50 ..... | 1,625 | 0 | 0 |
| Transfer from savings in the grant for Road Watering, Engineer's Budget, to the grant for Steam Rollers, Road Repairs, same Budget, to meet excess on the cost of four new rollers over the sanctioned amount ..... | 280 | 0 | 0 |
| Carried over...Rs. | 9,129 | 0 | 0 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought forward... Rs. | 9,129 | 0 | 0 |
| Transfer from savings in Section I., Superior Staff, Engineer's Budget, to Section II., Office Establishment, same Budget, to meet the cost of acting arrangement made during the absence of the Head Clerk on privilege leave for three months from 1st July 1888 ..... | 97 | 8 | 10 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to the grant for Special Assistant to the Commissioner, to meet the cost of acting arrangement made during the absence of Rao Saheb Virprasad Tapiprasad, on privilege leave for six weeks from 9th May 1888..... | 181 | 0 | 6 |
| | 9,407 | 9 | 4" |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council.

*Carried.*

Proposed by Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 3276. "That, as recommended by the Town Council, sanction be given to the payment, from available balances of, an advance not exceeding Rs. 56,000, to be adjusted hereafter, to provide for the cost of 600 tons, or thereabout, of 32-inch water mains, required for laying down from the junction of Clerk and DeLisle Roads, thence by Haines Road as far as Byculla bridge, such main being necessary for the replacement of the existing main which the Great Indian Peninsula Railway Company wish to have removed in order to allow of the building of their new station at Byculla; that this advance be made without prejudice to the rights of the Municipality, and on condition that all charges on account of the new main, and the taking up of and removal of the existing main, now running over the site of the new station be defrayed by the Company."

*Carried.*

With the consent of the meeting, the Chairman gave priority to items Nos. 4 and 5 on the agenda paper of this meeting. [Application for sanction (1) to the outlay of Rs. 70, and (2) to an advance of Rs. 20,000.]

Proposed by Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 3277. "That, as recommended by the Town Council, sanction be given to the expenditure of Rs. 70, to provide for the cost of a patent portable fan forge for the Municipal workshops; the cost to be debited to the workshops for the current year."

*Carried.*

Proposed by Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik—

"That, as recommended by the Town Council, sanction be given to an advance of Rs. 20,000, from Surplus Cash Balance, to meet the cost of meters of sizes to be hired out to consumers at sanctioned rates. The charge to be debited to Water Works stock and thereafter adjusted against the stock receipts from the sale or letting of the meters."

No. 3278.

*Carried.*

Read the following:—*

Letter No. 5028, dated 23rd instant, from the Acting Municipal Commissioner, to the Secretary; letter, dated 15th idem, from the Honorary Secretary, Bombay Natural History Society, to the Acting Commissioner; and letter, dated 15th of the same, from the Honorary Secretary, Bombay Natural History Society, to the Collector of Bombay.

Proposed by Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik—

"That the proposal made by the Bombay Natural History Society for the taking over of the Zoological collection, cages, &c., in the Victoria Gardens, be approved.

"That the collection, cages, &c., be handed over to the Society accordingly, together with a sum of Rs. 8,000 as recommended by the Town Council, on condition that no annual or other contribution will hereafter be made by the Municipality towards the funds or maintenance of the Society."

*Amendment*, moved by Jamshedjee Pallonjee Kapadia, Esq., seconded by Kavasjee Dady Limjee, Esq.—

"That the papers connected with the proposed transfer to the Bombay Natural History Society of the Zoological collection in the Victoria Gardens, together with the cages, &c., for the same, be referred back to the Town Council for the favour of reconsideration, as in the opinion of the Corporation, it would be to the interest of the Municipality to pay a much larger sum than Rs. 8,000 in order to be relieved of all future charge on account of the zoological collection; for owing to the situation of the gardens and the non-employment of a special staff for the care of the

* *See* Proceedings of the Town Council, 27th June 1888.

animals, the results obtained for the present expenditure are altogether unsatisfactory."

Shortly after 5 o'clock, it was brought to the Chairman's notice that there was not a sufficient number of members remaining to form a quorum, and the Chairman fixed Thursday, the 26th instant, at 3 P.M., for the adjournment of this meeting, and 3 P.M., on the same day, for the adjourned Special General Meeting (originally called for the 4th ultimo).

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BOMBAY, *23rd July* 1888.

The adjourned Special General Meeting (originally called for the 4th ultimo, and adjourned from the 16th instant), appointed for this day, was not held, as the business of the Special General Meeting, as above, lasted until the Corporation separated.

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BOMBAY, *26th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 16th instant, and adjourned from the 23rd idem), called for this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; DAMODAR TAPIDAS, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYEN KHOTE, Esq.; GRATTAN GEARY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; MIRZA HUSSEIN KHAN, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The CLERK AND SECRETARY.

A note was received from the Acting Municipal Commissioner, apologizing for non-attendance on account of sickness.

As there was not a sufficient number of members present to form a quorum, the Chairman adjourned the meeting to Monday, the 30th instant, at 3 P.M.

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BOMBAY, *26th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 4th

ultimo, and adjourned from the 23rd instant), called for this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; DAMODAR TAPIDAS, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; MIRZA HUSSEIN KHAN, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman adjourned the meeting to Monday, the 30th instant, at 3 P.M.

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BOMBAY, 30*th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay, (originally called for the 4th ultimo, and adjourned from the 26th instant, for want of a quorum of members), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; J. R. DUXBURY, Esq.; FAZULBHOY VISRAM, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NOWROJEE BEIRAMJI SUNTOOK, Esq.; LIEUTENANT-COLONEL A. B. PORTMAN; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.D.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.

The CLERK AND SECRETARY.

A note was received from the Acting Municipal Commissioner informing the Corporation of his inability to attend the meeting on account of sickness.

The minutes of the adjourned Quarterly and the adjourned Special General Meetings held on the 23rd instant, and the record of the adjourned Special General Meetings called for the 23rd and 26th idem, were signed.

Considered again petition, dated 8th December 1887, from butchers and dealers carrying on business at Bandora, praying that a shed or shelter may be provided for sheep and goats at the Slaughter Houses there, and that the present system of the carriage of meat by bullock-vans may

be abandoned, and the former system of meat conveyance by railway returned to ; also the Town Council's Resolution thereon, No. 1103, dated 16th May 1888, forwarding letter No. 2735, dated 16th May 1888, from the Acting Municipal Commissioner (stating that the petitioners should be informed that nothing can be done for sometime to come), with the expression of the Council's concurrence therewith.

Proposed by Colonel Merewether, seconded J. R. Duxbury, Esq.—

"That, in reply to their petition, dated 8th December 1887,

No. 3523. Messrs. Noor Mahomed Patel Ebrahim Mohidin and other butchers and dealers carrying on business at Bandora, be informed that there are difficulties in the way of bringing meat into the Markets from Bandora by Railway as the trains would have to run over both the B. B. & C. I. and the G. I. P. Lines of Railway, and because it would be difficult to obtain a site for a meat siding near the Arthur Crawford Markets.

"That for some time to come, therefore, in any case nothing can be done in the matters.

"That the question of shed accommodation is under the Town Council's consideration."

*Carried.*

Considered petition, dated 14th March 1888, from Messrs. Jehanghir Pestonjee, C. J. Khambatta, and other residents of DeLisle Road, complaining of the state of a piece of vacant land in charge of the Collector of Bombay thereat, and praying that that officer may be requested to fill in and fence the land in question ; also the Town Council's Resolution thereon, No. 1104, dated 16th May 1888, stating that the ground referred to is situated at the junction of DeLisle and Clerk Roads to the west of Elphinstone College. It is low-lying land, and the Acting Municipal Commissioner, in his memorandum No. 2736, dated 16th May 1888, states that it belongs to Government and is required by the Municipality for the extension of Water Works stores. Government have been asked to sell or lease the plot to the Municipality.

Proposed by Colonel Merewether, seconded by Mahomed Hussein Hakim, Esq.—

"That, in reply to their petition, dated 14th March 1888,

No. 3524. Messrs. Jehangir Pestonjee, C. J. Khambatta, and other residents of DeLisle Road, be in-

formed that the ground referred to by the petitioners is low-lying land belonging to Government, and is required by the Municipality for the extension of Water Works stores, and that Government have been asked to sell or lease the plot to the Municipality."

*Carried.*

Considered petition, dated 17th May 1888, from Mr. Bapuji Wasudeoji, relative to the valuation in respect of his property at Nos. 62-64, Kitchen Garden Street; also the Town Council's Resolution thereon, No. 1144, dated 23rd May 1888, stating that the Corporation be informed that the matter referred to in the petition is one which is entirely within the province of the Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, in reply to his letter, dated 17th May 1888, Mr. Bapuji Wasudeoji be informed that the matter referred to in the letter is one which is entirely within the province of the Municipal Commissioner."

No. 3525.

*Carried.*

In accordance with notice of motion by Dosabhai Framji, Esq., and, in the absence of that gentleman, it was—

Proposed by Sir Henry Morland, seconded by Mahomed Hussein Hakim, Esq.—

"That, as recommended by the Town Council, sanction be given to the expenditure of Rs. 220-11-7, from Surplus Cash Balance, to meet the cost of completing the connection between the water main and the Sir George LeGrand Jacob Memorial Fountain."

No. 3526.

*Carried.*

This concluded the business of the meeting.

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BOMBAY, 30*th July* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 16th instant, and adjourned from the 26th idem, for want of a quorum of members), held this day, there were present:—

RAHIMTULA MOHAMED SAYANI, ESQ., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR TAPIDAS, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.;

KAVASJI DADI LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT. H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWANDAS PURSHOTUMDAS, Esq.; VENAYEKRAO RAMCHUNDUR LUXUMONJEE, Esq.

The CLERK AND SECRETARY.

Considered again the following motion and amendment moved on the 23rd instant :—

"Proposed by Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik—

"That the proposal made by the Bombay Natural History Society for the taking over of the zoological collection, cages, &c., in the Victoria Gardens, be approved.

"That the collection, cages, &c., be handed over to the Society accordingly, together with a sum of Rs. 8,000, as recommended by the Town Council on condition that no annual or other contribution will hereafter be made by the Municipality towards the funds or maintenance of the Society."

*First amendment*, moved by Jamshedjee Pallonjee Kapadia, Esq., seconded by Kavasji Dadi Limji, Esq.—

"That the papers connected with the proposed transfer to the Bombay Natural History Society of the zoological collection in the Victoria Gardens, together with the cages, &c., for the same, be referred back to the Town Council for the favour of reconsideration, as in the opinion of the Corporation it would be to the interest of the Municipality to pay a much larger sum than Rs. 8,000 in order to be relieved of all future charge on account of the zoological collection, whilst, owing to the situation of the gardens and the non-employment of a special staff for the care of the animals, the results obtained for the present expenditure are altogether unsatisfactory."

*Second amendment*, now moved by Major Martin, seconded by Narayan Ganesh Chandavarkar, Esq.—

"1. That the papers connected with the proposed transfer to the Bombay Natural History Society, be referred back to the Town Council for favour of reconsideration.

No. 3527.

"2. That the Town Council be requested to consider whether, under either the present Act or the new Bill, the Corporation can make over the animals at the Victoria Gardens or give a sum of money from the public funds to a Committee of private gentlemen representing a society, such as the Bombay Natural History Society; and should it be within the power of the Corporation to give such money, whether the public can then legally be charged any fee for entrance to the proposed garden?

"3. That the Town Council be asked (in case it should be legally possible for the Corporation to aid the Society) to obtain more definite information as to the size and scope of the proposed scheme, its estimated cost, the data on which the estimate of its probable revenue and expenditure are based, and the arrangements proposed for its managements, &c., as the Corporation are of opinion that if the garden is to prove a success it must be started on a sound basis, and it would then be desirable to give a much larger sum than that now proposed by the Town Council.

"4. If a large sum is given from the public funds, the Corporation are of opinion that on certain days in the week, besides some of the important native holidays, the garden should be opened to the public; and if it be legal to charge gate-money on such days, that the Town Council be requested to consider the desirability of having the rates considerably lower than those proposed in the Honorary Secretary's letter."

With the permission of the Chairman and the consent of the meeting, Mr. Jamshedjee Pallonjee Kapadia withdrew his amendment in favour of that proposed by Major Martin, which was *carried* as a substantive proposition *unanimously*.

This concluded the business of the meeting.

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BOMBAY, *6th August* 1888.

AT the Special General Meeting of the Municipal Corporation of Bombay, called for this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman*.

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYEN KHOTE, Esq.; GRATTAN GEARY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADI

LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD. W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; NAOROJI BEIRAMJI SANTOOK, Esq.; NUZZER MAHOMED FUTEHALY, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman, at 15 minutes past 3 p.m., adjourned the meeting to Thursday, the 9th instant, at 3 p.m.

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BOMBAY, *9th August* 1888.

AT the adjourned Special General Meeting of the Municipal Corporation of Bombay (originally called for the 6th instant, and adjourned from that day, for want of a quorum of members), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR TAPIDASS, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADI LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJEE SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDASS VURJEEWANDASS, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWUNDASS PURSHOTUMDASS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The CLERK AND SECRETARY.

The minutes of the adjourned Special General Meetings held on the 30th ultimo, and the record of the Special General Meeting called for the 6th instant, were signed.

Proposed by J. R. Duxbury, Esq., seconded by Thomas Blaney, Esq.—

"That the following be *recorded* :—

No. 2387 OF 1888. GENERAL DEPARTMENT.

*Bombay Castle, 10th July* 1888.

RESOLUTION OF GOVERNMENT.

His Excellency the Governor in Council is pleased to appoint Mr. R. Gilbert, J.P., to be a Member of the Municipal Corporation of the City of Bombay, *vice* Sir F. H. Souter, KT., C.S.I., C.I.E., deceased.

J. DEC. ATKINS, Under Secretary to Government."

*Carried.*

Proposed by Major H. O. Selby, seconded by Thomas Blaney, Esq.—

"That letter No. 3447, dated 26th July 1888, from the Secretary, Town Council, to the Chairman, reporting the Budget transfer sanctioned by the Council on the 18th idem, as under, be *recorded* :—

No. 3806.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfer sanctioned by them, on the 18th July 1888, Rs. 424-2-6, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section II., Labour, Water Works, Engineer's Budget, to the grant of Rs. 856, sanctioned by the Corporation, in its Resolution No. 1981, dated 13th March 1886, for making certain alterations in meter arrangements at Mazagon Bandar, to meet excess over the grant caused by a large wrought iron anchor being found under ground, which had to be cut into pieces and removed before the alterations could be proceeded with ... ... ... ... ... ... | 424 | 2 | 6 |

—I have, &c., H. WYNFORD BARROW, Secretary, Town Council."

*Carried.*

Proposed by Thomas Blaney, Esq., seconded by Major Gerald Martin—

"That, as recommended by the Town Council, sanction be given to the outlay of Rs. 825, from Surplus Cash Balance, to provide for the cost of 10 marble slabs for 10 fish stalls in the fish market in the Crawford Market premises."

No. 3807.

*Carried.*

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, as recommended by the Town Council, in their Resolution No. 3439, dated 25th July 1888, sanction be given, as arranged in the Corporation's Resolution No. 655, dated 25th April 1888, to the transfer to the debit of Loan charges, of Rs. 30,525—(1) Rs. 17,325, for cost of laying water mains in various streets, west of Frere Road, and (2) Rs. 13,200, for cost of making connections with the existing mains in Arthur Road, necessitated by the laying of the new 27″ Tansa main in the last mentioned road."

No. 3808.

*Carried.*

With the consent of the meeting, the Chairman gave priority to memorandum No. 6087, dated 10th July 1888, from the Acting Municipal Commissioner, forwarding copy

of Government Resolution No. 4292, Revenue Department, dated 29th June 1888, on the Annual Reports of the working of the Bombay Veterinary College and the Bai Shakerbai Dinshaw Petit Hospital for Animals for 1887. (*See* minutes of the meeting of the Town Council, held on the 18th July 1888.)

Proposed by Major Gerald Martin, seconded by Thomas Blaney, Esq.—

No. 3809. "That Government Resolution, No. 4292, Revenue Department, dated 29th June 1888, be *recorded*."

*Carried.*

With the consent of the meeting, the Chairman also gave precedence to items 7 and 8 on the Agenda paper regarding the Municipal Bill, and the question of the period of the repayment of the Tansa Water Works Loan and other new Loans.

Considered the following :—

*REPORT OF THE COMMITTEE OF THE WHOLE CORPORATION ON THE SUBJECT OF THE MUNICIPAL BILL AS FINALLY PASSED.* °

23*rd July* 1888.

From MAJOR H. O. SELBY, R.E.,
Chairman of the Committee of the whole Corporation,

To RAHIMTULA MOHAMED SAYANI, ESQ.,
Chairman of the Corporation.

SIR,—With reference to the Resolution of the Corporation, as per margin, passed on the 2nd instant, I am directed by the Committee of the whole Corporation to report as follows :—

"That the Municipal Bill, as finally passed by the Legislative Council, be referred to the Committee of the whole Corporation for advice on the following points :—
(*a*) Whether it is desirable to take further steps to try and obtain the further amendment of the Bill before it becomes law ? If not—
(*b*) What resolution it is desirable for the Corporation to record :—
(1) Regarding the defects still remaining in the Bill.
(2) Regarding those advances which, in the opinion of the Corporation, should have been made."

"That, in the opinion of the Committee, the Corporation should record the resolution appended hereto* regarding the Municipal Bill as amended and passed by the Legislative Council. (2.) Further, that the Corporation should request its Chairman to forward a copy of the Resolution, together with copies of the Corporation's letters to Government in the Legislative Department, No. 1413, dated 25th October 1887, and No. 2427, dated 2nd March 1888, to H. E. the Viceroy and Governor-General in Council (through the Bombay Government) with the respectful prayer of the Corporation, that before giving his sanction to the Bill His Excellency in Council will be pleased to take the representations of the Corporation into consideration."—I have, &c., H. O. SELBY, Chairman of the Committee.

° *See* Resolution proposed by Major Selby on pages 115 and 116.

Proposed by Major H. O. Selby, seconded by Major Gerald Martin—

"That the resolution, as drafted by the Committee of the whole Corporation, on the subject of the Municipal Bill as finally passed, be approved. That this Corporation, whilst acknowledging the great superiority of the Bill as passed by the Legislative Council over that originally put forward by Government, desire to place on record their regret that, even in its present shape, the Bill contains inconsistencies and defects that might easily have been removed, and the existence of which may lead to a friction between the governing body of this city and their own executive. These defects appear to the Corporation to be departures from the great central principle of the Bill, *i.e.*, that the Corporation is the governing body. The Corporation believe that the Bill might have, with manifest advantage, throughout all its sections, emphasised and accentuated this central principle without running the slightest danger of unduly fettering or hindering executive action. The Corporation are also of opinion that a mistake has been made in not vesting the power of appointing the Chief Accountant in the Corporation, and in not making that officer, like the Municipal Secretary, wholly independent of the executive. They think that the mistake arose from a misapprehension of the duties of Auditors, and they have grave doubts whether the system laid down by the Bill will enable them in practice to exercise a proper and sufficient check on Municipal accounts. They also believe that some sections of the Bill will give rise to undue litigation, and that a great number of minor details should have been left to be dealt with by-laws which could be readily modified as experience showed the necessity for altering them. Finally, the Corporation desire to express their regret that, nowithstanding the expression of opinion contained in their letter No. 1413, dated 25th October 1887, the Bill does not make sufficient advance over the Acts in force for the last 16 years, in the matter of Local Government. The Corporation would have been glad to see a greater percentage of representation given to the Rate-payers, and a larger percentage, if not the whole, of the Standing Committee elected by the Corporation.

No. 3810.

"2. That the Chairman do now forward a copy of this Resolution, together with copies of the Corporation's letters to Government in the Legislative Department, No. 1413, dated 25th October 1887, and No. 2427, dated 2nd March 1888, to His Excellency the Viceroy and Governor General in Council (through the Bombay Government), with the respectful prayer of the Corporation, that before giving his sanction to the Bill His Excellency in Council will be pleased to take the representations of the Corporation into consideration."

*Carried nem. con.*

Considered the following :—

No. 3570 OF 1888.

*1st August* 1888.

FROM SIR HENRY MORLAND, KT.,
Chairman of the Committee appointed by the Corporation on the 30th April 1888,

TO RAHIMTULA MOHAMED SAYANI, Esq.,
Chairman of the Corporation.

SIR,—At the request of the Committee appointed by the Corporation on the 30th April last, I have the honour to submit herewith, for approval, a memorial to the Right Hon'ble the Secretary of State in Council of India, together with letter to the Secretary to the Bombay Government giving cover to the same.

The Committee considered the question referred to them with great care, and they desire to place on record the very valuable assistance rendered to them by the Chamber of Commerce.—I have, &c., HENRY MORLAND, Chairman.

Major Selby, before moving the adoption of the memorial in question, stated that, since it was drafted, a communication had been received from the Government of India, which made it necessary to add a *post scriptum* to the memorial, as also to make an addition to the covering letter to Government. With the permission of the meeting, Major Selby then read the following correspondence :

Letter No. 7926, dated 6th instant, from the Acting Municipal Commissioner to the Chairman, as follows :—

SIR,—With reference to the draft memorial on the subject of the period of the Tansa Loans now before the Corporation, I have the honour to forward for perusal copies of further correspondence which has passed between Government and this office on the subject of the loan of 25 lakhs required for the prosecution of the Tansa Works in 1888-89.

2. It will be seen that the Government of India appears to be under a misapprehension as to the actual state of affairs, as it is plainly beyond the power of the Municipality to insist on the acceptance by

investors of repayment in 40 years in the case of the loans, the debentures for which have been already issued in 1886 and 1887, with a period of 60 years.

3. The condition to repay in 40 years the 47 lakhs already raised is, therefore, an impossible one to carry out; the loans in 1886 and 1887 having been raised for 60 years with the full concurrence of the Government of India.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 3978.

GOVERNMENT OF INDIA, DEPARTMENT OF FINANCE AND COMMERCE,
SIMLA, the 21*st July* 1888.

TO THE CHIEF SECRETARY TO THE
GOVERNMENT OF BOMBAY.

SIR,—I am directed to acknowledge the receipt of your letter No. 2061, dated the 16th June 1888, transmitting an application from the Municipal Commissioner on behalf of the Corporation of Bombay for permission to raise in the open market a loan of 25 lakhs of Rupees on account of the Tansa Water Scheme.

2. In reply I am directed to convey the sanction of the Governor General in Council to the raising of the loan; it may be raised in such instalments and on such dates between the 1st August 1888 and 15th January 1889, as the Corporation may find advantageous. This sanction is subject to the condition that an annual amount be set aside by way of Sinking Fund sufficient for the repayment of the present loan, together with the former loans of 17 and 30 lakhs in 40 years from the 1st January 1893. It is understood that this condition of repayment is in accordance with the proposals of the Municipal Commissioner stated in Clause V of the statements appended to his application; but the Government of India has not the means of following the figures therein set forth.—I have, &c., J. E. O'CONOR, Assistant Secretary to the Government of India.

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No. 2621 OF 1888. GENERAL DEPARTMENT,
BOMBAY CASTLE, 27*th July* 1888.

Forwarded to the Municipal Commissioner for the City of Bombay, for favour of immediate report with reference to para. 2 of the Government of India's letter.—J. DEC. ATKINS, Under Secretary to Government.

Letter No. 7922 of 1888-89, dated 6th instant, from the Municipal Commissioner, to the Under Secretary to Government, General Department :—

SIR,—In reply to your endorsement No. 2621, dated 7th July, forwarding Government of India's letter No. 3978, dated 21st July, I have the honor to point out that the condition as to the repayment of the former loans of 17 and 30 lakhs in 40 years, is an impossible one. These two loans were sanctioned by the Government of India for 60 years, and debentures were issued accordingly. It is impossible now to break faith with the investors, and to insist on their accepting repayment in 40 years.

2. I do not understand what is meant by stating that such a course is in accordance with my suggestion. On the contrary, I pointed out* that the former loans ran for 60 years, and I was most anxious that this 25 lakhs should also run for 60. It was only on Government refusing † to publish the notification unless the term for this 25 lahks was altered to 40 years, that I was obliged to enter 40. This, however, in no way affects, or could legally be made to affect, debentures already issued for a term of 60 years, with the full concurrence of the Government of India.

3. I may mention that the Corporation are on the point of sending a memorial to the Secretary of State, protesting against the alteration of the term from 60 years to 40.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

It was then agreed by the meeting that the postscript be added as now proposed.

Proposed by Major Selby, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the memorial before this meeting, with the addition now proposed, to the Right Hon'ble the Secretary of State in Council of India, together with letter, with the addition now proposed, to the Secretary to the Bombay Government, giving cover to the same, on the subject of the period for the repayment of the Tansa Works and other loans, be *approved*.

No. 3811.

"That the Chairman be requested to submit the same accordingly.

"That the thanks of this meeting be tendered to the Chamber of Commerce for the very valuable assistance rendered by them to the Committee of the Corporation appointed to draft the memorial."

*Carried nem. con.*

The memorial‡ and letter, as amended and thus adopted, are as follows :—

No. 3838 OF 1888-89. MUNICIPAL CORPORATION OFFICE,
BOMBAY, 15*th August* 1888.

FROM RAHIMTULA MOHAMED SAYANI, ESQ.,
Chairman of the Municipal Corporation of Bombay,

TO THE SECRETARY TO GOVERNMENT,
General Department.

SIR,—I have the honor, on behalf of the Municipal Corporation of Bombay, to solicit that Government will be pleased to submit the enclosed letter to His Excellency the Viceroy and Governor General in Council with the request of the Corporation that if the Government

* Municipal Commissioner's No. 153 of 6th April 1888, para. 2, to the Chief Secretary to Bombay Government.
† Government Memorandum, General Department, No. 1134, dated 13th April 1888.
‡ *See* Proceedings of Town Council of 15th August 1888.

of India still feels unable to comply with the very reasonable request to extend the period for the repayment of the Tansa Water Works Loan to 60 years, His Excellency the Viceroy and Governor General will be pleased to have the memorial submitted to the Right Hon'ble the Secretary of State in Council at an early date.—I have the honor to be, Sir, your most obedient Servant,

RAHIMTULA MOHAMED SAYANI,,
*Chairman.*

*P. S.*—I am also desired to say that since the above was written the Corporation have received copies of memorandum, General Department, No. 2621, dated 27th July, giving cover to Government of India, Financial and Commercial Department's letter No. 3978, dated 21st July 1888, and of the Municipal Commissioner's letter No. 7922, dated 6th August 1888, and I am requested to point out to Government, that it is not within the power of the Municipal Commissioner to vary the resolutions of the Corporation or to modify the terms on which they sanction the raising of loans; and they trust that this point will be kept in view in future.

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To the Right Honourable
VISCOUNT CROSS, G.C.B.,
Her Majesty's Secretary of State
in Council of India.

*The Memorial of the Municipal Corporation of Bombay.*

Respectfully Sheweth,

1. That, as your Lordship is aware, for some years past the existing water supply to the city of Bombay from the Vehar and Tulsi Lakes has been inadequate to the requirements of the population. So much so, that the attention of your Lordship's predecessor, the Right Honourable the Secretary of State for India in Council, was drawn to the subject, and he saw fit to address the Bombay Government in relation thereto. The Bombay Government on its part, from time to time, communicated with the Municipality, urging that the supply should be augmented; but, whilst recognizing and admitting the necessity of proceeding in the matter with as little delay as possible, your memorialists found themselves placed at some disadvantage in arranging for the raising of the requisite funds. It was felt that a gigantic work of this kind for a city like Bombay—the chief port in India of the arrival and departure of troops and passengers from and to Europe—is really a matter of Imperial and not merely local importance, and that your memorialists might fairly ask the

Supreme Government for indirect assistance; that was, either to advance the capital required on the most favorable terms it could grant, or that the Municipality might be empowered to raise the loan under the guarantee of Government. Accordingly, application to this effect was made to the Government of India, through the Government of Bombay, who supported the application; but unsuccessfully, for under date of 2nd February 1886 the Government of India informed the Government of Bombay that His Excellency the Governor General in Council was unable to comply with the prayers of the memorialists, though at the same time he fully recognized the "great benefits to be anticipated from a scheme such as that proposed." The reasons given for declining the application were—that it has been the policy of the Government of India for some years to refuse to make loans to local bodies unless under very exceptional circumstances, that the resources at the disposal of the Government of India were not sufficient to permit the grant of a loan for the purpose, and that it was open to the Corporation to borrow the money in the open market. In the following month of May, a memorial was submitted to His Excellency the Viceroy and Governor General, in which it was urged that the question of the water supply and the drainage of Bombay was not one of simply local concern, and that very exceptional circumstances did, in fact, exist, but that, if it was still required that the memorialists should go into the open market themselves, it would be essential that they should have large freedom in the matter of arranging for the repayment of the loan in fact, that they should be unfettered as to the choice of market, and as to the conditions of repayment (copy of which is attached as *Appendix A). The Government of India was unable to comply with the terms of these prayers so far as advancing the money was concerned, but assented to the principle that the Municipality should be given "such reasonable "latitude in the matter of raising loans as is given to "the Calcutta Corporation if there should be any real "difference in the two cases."

* *Note by the Clerk and Secretary.*—This has not been reprinted here, but copy has been appended to the original copy of this memorial submitted to the Secretary of State. The memorial quoted will be found in Vol. X of the Record, p. 24.

2. That the sanction of the Government of India to the raising of the first instalment of the Tansa Water Works Loan was received by the Municipal Commissioner from the local Government on the 14th June 1886. That, immediately thereon, steps were taken for raising ten lakhs of rupees in the open market; the terms on which the money was to be so borrowed being, that it was to bear interest at 5 per centum per annum, the principal to be repayable in sixty years. That subsequently other portions of the loan, in all forty-seven lakhs of rupees, were taken up from time to time, and that the debenture bonds for the said forty-seven lakhs were in due course sealed and delivered to their owners and are now in the open market.

3. That all the proceedings of the Corporation show that it was distinctly understood from the first that the period for which the Rs. 1,23,00,000 were to be issued was sixty years: and on this point your memorialists invite your Lordship's attention to the fact that the application to Government for permission to raise the instalments of Rs. 17,00,000 and Rs. 30,00,000 published in the *Bombay Government Gazette* of 18th March 1886 and 9th June 1887 respectively, stated distinctly that the full instalments required yearly for the payment of interest and Sinking Fund on a loan of Rs. 1,23,00,000 at 5 per cent. to run for the period of sixty years, amounts to Rs. 6,49,786.

4. That on the 19th April last, however, your memorialists were much surprised to learn that the Government of Bombay had received a letter from the Government of India, dated 24th March 1888, refusing to sanction the issue, by your memorialists, of any more debentures for the term of 60 years, and directing that for the future no sum is to be raised by them on loan for a longer period than forty years.

5. That this order of the Government of India will materially affect the Budget provision made by the Municipality in respect of ordinary loans, and in the case of the Tansa loan will raise the annual provision for Sinking Fund and interest from Rs. 6,50,000 to Rs. 6,92,000, or an additional sum of Rs. 42,000 annually from and after the year 1893, when the full provision has to be made for interest and Sinking Fund on the whole loan.

That the Corporation in asking that your Lordship in Council may be pleased to direct that the period for the repayment of the Tansa Water Works Loan may be fixed at sixty years, as originally intended and moreover as agreed to by Government, respectfully submit that for the reasons already stated they are entitled, so far as regards the provision of ways and means for carrying out this great system of water supply, to special treatment irrespective of the conditions insisted on by the Government of India in reference to loans raised for merely local purposes. That the Government of India, as shown above, has already sanctioned the raising of the two instalments for sixty years [*vide* Bombay Government Resolutions No. 2102 (General Department), dated 14th June 1886 and No. 2876 (General Department), of the 21st September 1887]. That no objection was raised to the term of sixty years when that period was inserted in the notifications, and that further the like period was agreed to by implication in respect of the Vehar Water Works Loan [*vide* Bombay Government Resolution No. 3701 (General Department), dated 19th October 1886, and para. 2 of the Government of India's Resolution No. 134 of 27th September 1886, quoted in the said Resolution of the Bombay Government].

With regard to the loan for the Tansa Water Works, your memorialists would invite your Lordship's consideration of the following points :—

(*a.*) That it is a *productive*, *i.e.*, revenue producing work.

(*b.*) That the Government of India itself admits (para. 2 of Home Department letter No. 9, dated 30th January 1888) that there may be special reasons for making a loan run for sixty years even though the loan be for an *unproductive* capital work, *i.e.*, the Queen's Road Sewer.

(*c.*) That Section 109 (*c*) of the Municipal Bill does distinctly contemplate that *some* loans at least shall run for sixty years, and that it is impossible to conceive any work, the loan for which it would be more reasonable to extend over the longest legal period, than that for the Tansa Water Works.

(*d.*) That, as 33 years may be taken as the average life of a generation, the argument used by the Govern-

ment of India in its letter No. 42, dated 24th March 1888, about a one per cent. Sinking Fund is of little value, because it is shown by the figures quoted by the Government of India in that letter that such a Sinking Fund at 5 per cent. would throw the whole burden—principal and interest—of the Tansa scheme on 37 years, *i.e.*, on *one generation and an eighth*—a course that seems to your memorialists manifestly inequitable—since what should be aimed at is, that each generation should bear its own legitimate share of all burdens, and no more or less, and the inequality is the more patent when it is considered that for $\frac{1}{8}$th of the 37 years the present generation can derive no benefit whatever from the Tansa Water Works.

(*e.*) That no fair deduction can be drawn from the forty years' limit imposed by the Secretary of State in the matter of the Port Trust Dock Extension loan, because that loan was raised by the State, and therefore at a more favourable rate of interest than the Corporation can obtain.

(*f.*) That the course proposed by the Government of India is not likely to be effective in practice even if its principle were sound, for apparently no sooner was the Tansa loan for 123 lakhs paid off in forty years, than it would be possible for the Corporation under Sections 108 (2) and 109 (*b*) of the Municipal Bill to mortgage that property for a new loan.

(*g.*) That your memorialists believe that the proposal of the Government of India is opposed to its own policy and that of the Secretary of State in the matter of large productive works like railways and canals, the capital cost of which is not, your memorialists believe, paid off in forty years; and it must be remembered that the capital cost of the Tansa scheme bears a larger proportion to the revenues of this city than the capital cost of a railway, the R.-M. Railway, for instance, does to the imperial revenue of the Government of India.

With regard to loans generally, your memorialists would observe—

(i) That, as the sum available in any series of years for interest and Sinking Fund charges is, of course, a limited sum, any unnecessary limitation of time simply means a needless restriction on using the money available in the most efficient way.

(ii) That it is every way most practically convenient that all Municipal loans should be as near as may be similar in general conditions and in the lengths of time for which they run.

(iii) That two generations, *i.e.*, 66 years if it err, errs in being too short, and not too long a time over which to spread the burden of large productive capital works; but that 60 years may be accepted as a fair average taking all works together, *i.e.*, taking on the one hand those which, like Tansa, should be spread over several generations, and on the other those that should possibly be borne by one or even part of one generation.

6. Your memorialists are advised by the highest and most influential mercantile authorities in Bombay, the Chamber of Commerce—a copy of whose letter is herewith forwarded as appendix B—that having regard to the fact that the 47 lakhs have already been taken up for a period of 60 years, it would be most inconvenient for investors, and in the long run prejudicial to the interests of the Municipality as borrowers, to issue the balance of 76 lakhs for a period of 40 years, or indeed for any shorter term than that already subscribed for by the public. Any irregularity in, or uncertainty as to, the terms of a loan has an adverse effect on the marketable value of the certificates as negotiable securities, and a "Tansa Loan" of 123 lakhs, running for a uniform period of 60 years, would be much more favorably regarded by investors, and would command, relatively, a higher market value than two loans of 47 lakhs and 76 lakhs for 60 and 40 years respectively.

The magnitude and permanent utility of the Tansa scheme, in the opinion of these authorities, justifies the Municipality in asking that the repayment of the cost should be extended over the longest term of years admissible; and considering the by no means inconsiderable proportion of the cost which the present generation of tax-payers will have to contribute before they can hope to reap the full benefit of the work, 60 years is looked upon

as not an unduly lengthened period for payment. They also record their desire to impress upon all concerned the desirability of an early settlement being arrived at, as to the terms on which the remainder of the loan is to be offered to the public, so that the Municipality may be placed in a position to take advantage of the present exceptionally favorable conditions of the money market, which will probably continue to prevail in the immediate future, but which cannot be relied on as permanent.*

It also appears to your memorialists that if the 76 lakhs are to be issued for 40 years with a Sinking Fund of one per cent., the Corporation will have to make a provision of $\frac{2}{3}$rds of a rupee per cent. more than 76 lakhs more than they anticipated when the Tansa scheme received the sanction of the Corporation. This means an excess of Rs. 50,666 per cent. per annum over Rs. 6,49,787 as the necessary interest together with Sinking Fund of one per cent. on the Tansa Loan of 123 lakhs and *pro tanto* a lessening of the power of the Corporation to initiate and carry out other works. Your memorialists would also call attention to the fact that the Chamber of Commerce do not apparently place much weight on the possible lessening of the rate of interest as a reason for restricting the period of the Tansa Water Works loan.

7. In conclusion, your memorialists would invite your Lordship's attention to the fact that there are two quite separate questions dealt with in this memorial—the first being whether the balance of the Tansa Water Works loan should be raised on different conditions from those on which the first 47 lakhs have, with the sanction of the Government of India, been raised; the second being the soundness, or otherwise, of laying down a general ruling that in future no Municipal loan shall run for more than 40 years. With reference to the first of these, your memorialists think they have shown that there is every reason why the loan for this work should be extended over the longest period allowed by law. With regard to the second, your memorialists think that there is no sound reason for restricting all loans to so short a period as 40 years, and that the orders which the Corporation have passed

* NOTE.—The fact that the public has recently taken up 28 lakhs at 40 years is no doubt largely due to the exceptionally favourable state of the money market noted by the Chamber of Commerce, and which, they say, cannot be relied on as permanent.

on the subject of charging works to Capital and Revenue and the duration and conditions of loans,* are not only sound in themselves, but in accordance with the orders passed by successive Secretaries of State in Council of India.

*Postscriptum.*—Since this memorial was written, your memorialists have received a copy of a letter from the Government of India, Finance and Commerce Department, No. 3978, dated 21st July 1888, in which that Government now not only direct that those portions of the Tansa Loan to be issued in future should run for 40 years, but further order that the terms of those parts of the loan already issued to the public under the authority of the Government of India should be changed, so that they may terminate on 1st day of January 1933. With regard to this, your memorialists would observe, first, that if they object, as they do, to fresh issues being for a term of 40 years, they, *á fortiori*, protest against any change being attempted to be made in the term of those already held by the public; and secondly, that as these portions of the loan were issued to the public in accordance with the provisions of the Local Authorities Loan Act, and of the rules framed in pursuance thereof, it is not legally possible for your memorialists to require the holders of these debentures to receive any portion of the moneys advanced by them before the date specified in the said debentures, *i.e.*, 1946 and 1953. Your memorialists would also draw your Lordship's attention to the evil effects likely to be produced on the Municipal credit by any attempts, even if legal, to vary the terms of loans after they have been issued.

*And your memorialists, as in duty bound, will ever pray.*

RAHIMTULA MOHAMED SAYANI,
Chairman.

H. WYNFORD BARROW,
Clerk and Secretary.

BOMBAY, 15*th August* 1888.

The seal of the Municipal Corporation of Bombay affixed in the presence of

JAVERILAL U. YAJNIK,
COWASJEE HORMUSJEE,
NANABHOY B. JEEJEEBHOY,

(Seal.)

Three members of the Town Council of Bombay.

* See Appendix C.

# Appendix B.

THE CHAMBER OF COMMERCE,
BOMBAY, 30*th May* 1888.

To SIR HENRY MORLAND, KT., H.M.I.M.,
Chairman of Committee of the Municipal Corporation on the question of the Tansa Water Works Loan.

SIR,—I have the honour, by direction of the Committee of the Chamber of Commerce, to acknowledge the receipt—with accompanying papers—of your letter No. 1111 of 19th instant, giving a *precis* of the correspondence which has passed between Government and the Municipality regarding the raising of the funds required for carrying out the Tansa Water Works, and soliciting the opinion of the Chamber on the following points connected therewith, *viz.*:—

(1.) As to whether, from a public point of view, it will be convenient for future investors that the balance of 76 lakhs of the Tansa Water Works Loan of 123 lakhs, should be limited to a period of 40 years, having regard to the fact that 47 lakhs of the loan have already been taken up for the longer period of 60 years.

(2.) Having regard to the magnitude and permanence of the Tansa Water and the Drainage Works, on which latter a very large outlay has yet to be incurred, is it not the opinion of the Chamber that the period of the loan should be for 60 years, observing that, in the new Municipal Bill, it is proposed that the duration of loans shall be limited to that period?

(3.) And further whether the Chamber concur in the anticipation of the Government of India, that, within a few years, the Municipality will be able to raise money at a lower rate than five per cent., as advanced in para. 2 of the letter of the Government of India, No. 42, Home Department, dated 24th March 1888.

The Committee of the Chamber having perused the correspondence and given the subject the careful consideration which its importance demands, direct me to inform you, in reply, that they are decidedly of opinion—

1. That having regard to the fact that 47 lakhs of the required loan of 123 lakhs have already been taken up for a period of 60 years, it would be most inconvenient for investors, and prejudicial to the interests of the Municipality as borrowers, to issue the balance of 76 lakhs for a period of 40 years, or indeed for any shorter term than the amount already subscribed by the public. Any irregularity in or uncertainty as to the terms of a loan has an adverse effect on the marketable value of the certificates as negotiable securities, and a "Tansa loan" of 123 lakhs, running for a uniform period of 60 years, would be much more favorably regarded by investors and command relatively a higher market value than two loans of 47 lakhs and 76 lakhs for 60 and 40 years respectively.

2. The magnitude and permanent utility of the Tansa scheme, in the opinion of my Committee, justifies the Municipality in asking that the repayment of the cost should

be extended over the longest term of years admissible under the borrowing powers conferred upon them by the Municipal Act; and considering the by no means inconsiderable proportion of the cost which the present generation of tax-payers will have to contribute before they can hope to reap the full benefit of the work, the Committee look upon 60 years as not an unduly lengthened period for repayment.

3. The Committee of the Chamber are disposed to agree with the anticipation of the Government of India that the Municipality of Bombay will, in the course of a few years, be able to borrow money at a lower rate of interest than 5 per cent. per annum, but even so they do not consider that this prospective advantage would compensate for the better terms which the 76 lakhs would now command by being issued for the longer period of 60 years and forming a portion of the larger loan.

I am further directed to say that the Committee of the Chamber would impress upon all concerned the desirability of arriving at an early settlement of the terms on which the remainder of the loan is to be offered to the public, so that the Municipality may be placed in the position to avail of the exceptionally favorable conditions of the money market existing now, and likely to prevail in the immediate future, but which cannot be relied upon as permanent.

I have the honour to be,
Sir,
Your most obedient Servant,
JOHN MARSHALL,
*Secretary.*

## Appendix C.

2. Capital Works are new permanent works of any sort which are not either renewals, replacements, or repairs of already existing works. The cost of all such works should, strictly speaking, be charged to Capital, *i.e.*, to loans, and not to current revenue.

All temporary works, or those which are renewals, replacements, repairs or maintenance of existing works, are revenue works, and their cost, together with the interest on all loans, should be borne by current revenue and not by loan.

It is thus the business of Capital to provide all permanent works in the first instance, and the duty of Revenue to maintain and replace such works when once provided.

In order, however, to place some check on the growth of loans, the cost of any Capital Work which is less than Rs. 10,000 should be charged to Revenue, but with the proviso that not more than Rs. 1,00,000 should be spent on such minor works in any one year.

It may, and probably will, happen that some works may be partly Capital and partly Revenue; for example, a market may have to be rebuilt on a greatly increased scale; in this case the proper charge to Capital is the difference in cost between the old and new work, the principle to be followed being that Capital shall not be charged twice over for the same work.

3. Except as stated in para. 2, the money necessary for carrying out Capital Works should be raised by loan. In future these loans should be of the same nature, and should be alike raised on the security of the general revenues of the City, appertioning particular items of revenue as a security for particular loans being likely to lead to the raising of more money by enforced taxation than is necessary.

4. With regard to the repayment of loans, it is, of course, evident that Capital Works may be divided into two great classes—(*a*) productive; (*b*) unproductive, the first being those which, after they are completed, produce revenue, and the second those that do not. If the repayment of loans is *spread over a sufficient length of time,* debt due to each of these classes may be treated in the same way.

5. The Corporation are of opinion that there would be many practical difficulties in unifying the existing Municipal loans, and they therefore only direct that in future all loans should be raised as set forth in para. 4.

Considered petition, dated 9th July 1888, from inhabitants of Khetwadi, protesting against the proposed erection of a Cholera Hospital near Cama Bagh.*

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the petition, dated 9th July 1888, from Mr. C. Tyabji, Mr. A. D. Mody and others, be recorded, and the consideration thereof deferred until the quarterly Meeting in October next."

No. 3812.

*Amendment* moved by Colonel Merewether—

"That the petition be *recorded* without addition."

*Not seconded.*

*Amendment* moved by Major Gerald Martin, seconded by J. R. Duxbury, Esq.—

"That the petitioners be informed that under Rule No. 20, the Corporation is precluded from discussing the matter in question except after the lapse of three months from the 28th June last."

On the point of order being raised, that the terms of No. 20 of the Rules for the conduct of business debar the Corporation from rediscussing a matter which has already been decided by vote until three months after the date of such voting, the Chairman ruled that the rule applies only to such propositions as tend to materially affect the resolution already passed by the Corporation.

On a division, the votes were *recorded* as under:—

| | *For.* | *Against.* | |
|---|---|---|---|
| Amendment ... ... ... | 8 | 15 | *Lost.* |
| Original motion... ... ... | 18 | 2 | *Carried.* |

* *See* Minutes of the Meeting of the Town Council, held on the 11th July 1888.

Read letter No. 376, dated 23rd July 1888, from the University Registrar, as follows:—

SIR,—I have been directed by the Syndicate to ascertain whether the Bombay Municipality would be willing to undertake to bear the cost of lighting the clock in the Rajabai Tower of the University. The Syndicate understand that provision for half the cost of lighting the clock was made in the Budget for the current year, it being perhaps expected that Government would be willing to continue to find the balance. In the view of Government, however, lighting this clock is a matter of purely Municipal interest, and as the Syndicate have no funds for such a purpose, the clock must remain unlit, unless the Municipality concur in the view now taken by Government. The Syndicate trust that this matter may be taken into consideration in framing next year's budget of the Corporation. If it should appear, as the Syndicate hope may be the case, that the Corporation are disposed to undertake to light the clock, the Syndicate presume that the money already set apart for the purpose could be made available, and would be sufficient for the remainder of the current year.—I have, &c., P. PETERSON, University Registrar.

Proposed by Colonel Merewether, seconded by Khan Bahadur Muncherjee Cowasjee Murzban—

"That letter No. 376, dated 23rd July 1888, from the University Registrar, be referred to the Town Council for such recommendations as they may consider desirable in order that the clock may be fully utilized."

*Amendment*, moved by Thomas Blaney, Esq., seconded by Naoroji Beiramji Suntook, Esq.—

"That the University Registrar be informed that the Corporation is unable to comply with his request."

No. 3813.

On a division, there were 15 votes *for* and 13 *against* the *amendment*, which was *carried* as a substantive proposition, the votes being 16 *for* and 10 *against*.

This concluded the business of the meeting.

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BOMBAY, *3rd September* 1888.

At the Special General Meeting of the Municipal Corporation of Bombay, called for this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman*.

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; KAVASJEE DADY LIMJEE, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMED FUTEHALLY, Esq.; PURSHO-

TUMDAS MUNGULDAS NUTHUBHOY, Esq.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDASS MUNGULDAS NUTHUBHOY, Esq.; H. WILMOT ULOTH, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

As there was not a sufficient number of members present to form a quorum, the Chairman, at 15 minutes past 3 p.m., adjourned the meeting to Monday, the 10th instant, at 3 p.m.

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BOMBAY, 13*th September* 1888.

AT the adjourned Special General Meeting* of the Municipal Corporation of Bombay (originally called for the 3rd instant, and adjourned from the same day, for want of a quorum), held this day, there were present :—

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *Chairman.*

THOMAS BLANEY, Esq.; J. P. CORNFORTH, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYEN KHOTE, Esq.; GRATTAN GEARY, Esq.; R. GILBERT, Esq.; A. M. GUBBAY, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDASS VALLABHDASS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C. S., Acting Municipal Commissioner; and the CLERK AND SECRETARY.

The minutes of the adjourned Special General Meeting held on the 9th ultimo, and the record of the Special General Meeting called for the 3rd instant, were signed.

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

"That letter No. 3903, dated 23rd August 1888, from the Secretary, Town Council, reporting the Budget transfers sanctioned by the Council, up to the 22nd idem, as under, be *recorded* :—

No. 4264.

SIR,—I have the honour to inform you that, under the provisions of Section 38 of the Municipal Acts III. of 1872 and IV. of 1878, the Town Council beg to report the Budget transfers sanctioned by them, up to the 22nd instant, Rs. 534-6-9, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section I., Superintendence and Inspection, Health Department Budget, to Section I, Superintendence, Markets and Slaughter Houses, same Budget, to meet the cost of acting arrangements (including conveyance allowance) made during the absence of Mr. P. C. Higgins, on privilege leave for one month..... | 160 | 0 | 0 |

* This meeting was originally convened for Monday, the 3rd instant, but for want of a quorum of members, was adjourned until the 10th idem. As, however, it was afterwards brought to the notice of the Chairman that the 10th was the Gunnesh Chaturthi holiday, the date of the meeting was altered to the 13th (this day).

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in the Budget grant for Town Council and Corporation Establishment, Section 3, Fees of Councillors, to Executive Engineer's Budget, Section III, "Surveyors and Draftsmen," to meet the pay of two Surveyors at Rs. 80 per mensem each, and six lascars at Rs. 10 each for ditto, one month, for making surveys for the new road east of Ripon Road ..... | 220 | 0 | 0 |
| Transfer from savings in Section III., Fees of Councillors, Corporation and Town Council Budget, to Section IV. of the same, Printing, Advertisements, &c., to meet the cost of 100 complete sets of the official record of the debates in the Legislative Council, on the Municipal Bill (IV. of 1887) ..... | 34 | 6 | 9 |
| Transfer from savings in Section I., Superior Staff, Engineer's Budget, to Section II, A, Office Establishment, same Budget, to meet the pay of a clerk on a salary of Rs. 20 per mensem for 6 months for taking the drainage stock at Bellasis Bridge, and for bringing up the arrears in the drainage records (accounts and correspondence)..... ..... | 120 | 0 | 0 |
| Total...Rs. | 534 | 6 | 9" |

I have, &c., H. WYNFORD BARROW, Secretary, Town Council.

*Carried.*

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4265. "That, as recommended by the Town Council, in their Resolution No. 3857, dated 15th August 1888, sanction be given to the renewal of Lapsed Grants for the year 1887-88, aggregating Rs. 5,25,940-15-8, as per list accompanying the Acting Municipal Commissioner's memorandum No. 8465, dated 14th idem."

*Carried.**

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4266. "That, as recommended by the Town Council, in their Resolution No. 3851, dated 15th August 1888, sanction be given to an advance of Rs. 18,127-3-5, from Surplus Cash Balance, to be adjusted hereafter, to the debit of the loan, to be raised in connection with the extension of Erskine Road Market, as sanctioned by the Corporation, in its Resolution No. 1707, dated 1st December 1887, to meet the amount calculated at 25 years' purchase of the abatement of Government revenue of the land at Erskine Road, taken up for such extension."

*Carried.*

Read petition, dated 11th August 1888, from Mr. Dosabhoy Cursetjee Mody, asking that application for a water connection to his houses at Khetwadi 7th Lane may be favorably considered; also the Town Council's Resolution thereon, No. 3854, dated 15th idem, recommending the

* *See* proceedings of the Town Council, dated 15th August 1888.

Corporation to inform Mr. Dosabhoy Cursetjee Mody, in reply to his letter of the 11th idem, that the granting of water connections is a matter within the province of the Municipal Commissioner, who, on the 31st July 1888, wrote to applicant, stating that his application cannot be granted.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That, in reply to his petition, dated 11th August 1888, Mr. Dosabhoy Cursetjee Mody be informed that the granting of water connections is a matter within the province of the Municipal Commissioner, who, on the 31st July 1888, wrote to Mr. Dosabhoy Cursetjee Mody, stating that his application cannot be granted."

*Amendment*, moved by Major Selby, seconded by Eknath Raghunath Khote, Esq.—

"That the petitioner be informed that, if he requires a larger supply of water, he had better apply to the Municipal Commissioner for a larger connection with the main."

With the permission of the Chairman and the consent of the meeting, this amendment was *withdrawn*.

*Second amendment*, moved by the Hon'ble Mr. Pherozshah Merwanjee Mehta, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, in reply to his petition, dated 11th ultimo, Mr. Dosabhoy Cursetjee Mody be informed that the Corporation do not see sufficient reason to interfere in the matter."

No. 4267.

On a division, there were 19 votes *for* and 1 *against* the amendment, which was then *carried* as the substantive proposition.

Proposed by Surgeon-Major Waters, seconded by C. F. Underwood, Esq.—

"That the Health Officer's Report for the First Quarter of 1888 be *recorded*."

No. 4268.

*Carried.*

Proposed by Thomas Blaney, Esq., seconded by Surgeon-Major Waters—

"That the papers *on the subject of the amalgamation of the Registration and the Vaccination Departments, submitted by the Town Council, be *recorded*."

No. 4269.

*Carried.*

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

"That the Annual Report on the working of the Gokuldas Tejpal Hospital for the year 1887, be *recorded*."

No. 4270.

*Carried.*

* *See* Proceedings of the Town Council, 1st August 1888.

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

"That, as recommended by the Town Council, in their Resolution No. 3889, dated 22nd August 1888, sanction be given to the sale, to Mr. Noormahomed Hadji Sumar, at the rate of Rs. 3 per yard, of 11·37 square yards, or thereabout, of Municipal ground, situate at Ripon Road, as shown on the tracing marked A, dated the 22nd August 1888, accompanying the Acting Municipal Commissioner's memorandum No. 8778 of the 17th idem."

No. 4271.

*Carried.*

Considered the following :—

*Extract from the Minutes of the Meeting of the Town Council held on the 11th April 1888.*

"Considered memorandum No. 280, dated 7th instant, "from the Acting Municipal Commissioner, forwarding the "Health Officer's Report for the Fourth Quarter of 1887."

"Proposed by Surgeon-Major Waters, seconded by "Cowasjee Hormusjee, Esq.—

"That the Acting Commissioner be requested to obtain from the Health Officer a return of the death-rate in each district during the past 10 years, "an asterisk being placed against such of the districts as "have been drained and sewered during that period.

No. 102.

"That the Health Officer's Report for the Fourth Quarter of 1887 be passed on to the Corporation."

"*Carried.*"

Memorandum from the Acting Municipal Commissioner, No. 4407, dated 14th June 1888, to the Secretary, Town Council, forwarded for the information of the Town Council with reference to their Resolution No. 102 of 11th April 1888 :—

It is not possible to put an asterisk opposite the sewered districts, as the boundaries of the Health Department Registration districts do not coincide with those of the areas sewered, but the accompanying statement shews the streets laid down with pipe sewers.—F. L. CHARLES, Acting Municipal Commissioner.

Letter No. 6431, dated 5th June 1888, from the Health Officer, to the Acting Municipal Commissioner :—

SIR,—Your No. 1235 of 1888-89. I have the honor to forward herewith the statement obtained from the Executive Engineer, regarding the districts that have been drained and sewered during the last ten years, and the return showing the death-rate in those districts during that period as required by the Town Council's Resolution of 11th April 1888.—I have, &c., T. S. WEIR, Health Officer.

*List of Sections and Streets provided with Sewers.*

| Section. | Names of Streets. | Date of completion. | Date on which brought into use. | Remarks. |
|---|---|---|---|---|
| Fort, Southern Section. | As per Census Report, 1881... ... | Mar. 1888. | Temporary house connections in progress. | Pipe sewers in the whole of the Section are laid. Temporary house connections are in progress. As the whole work is not completed, the date of completion and the date on which the sewers will be brought into use, cannot be given. |
| Fort, Northern Section. | As per Census Report, 1881... ... | Mar. 1888. | Do. | Ditto. |
| Esplanade Section. | Esplanade Cross Road (Sewer taking night-soil from Carnac Bunder.) | June 1884. | Dec. 1884. | |
| | Marine Lines Road ... ... ... | June 1885. | Sept. 1886. | |
| | *Frere Road and Mody Bay... ... | Before 1881. | In progress. | *An old masonry drain runs along Frere Road. Roads on the Mody Bay Estate between Fort Street and the Mint have been provided with pipe sewers by the Port Trust. |
| | Rampart Row... ... ... ... | In | In progress. | |
| | Hornby Row ... ... ... ... | In | | |
| Market Section. | Agiari Road Cross Street ... ... | June 1884. | No house connections are made. Not in use. | Portion between Money School and Shaik Memon Street. |
| | Ballaji Shamset Street ... ... | ,, | | |
| | Chapa Gully ... ... ... ... | ,, | | |
| | Dhunji Dongria Street ... ... | ,, | | |
| | Esplanade Cross Road ... .. | May 1881. | | |
| | Kalbadevi or Parel Road ... ... | June 1884. | | |
| | Kichen Garden Lane ... ... | ,, | | |
| | Khuttukwadi Lane ... ... | ,, | | |
| | Lohar Chall ... ... ... | ,, | | |
| | Mirza Oil-maker Street ... ... | ,, | | |
| | Mumbadevi Tank Road ... ... | ,, | | |
| | New Hanuman Lane ... ... | ,, | | |
| | Old Hanuman Lane ... .. | ,, | | |
| | Picquet Road ... ... ... | ,, | | |
| | Pinjari Lane ... ... ... | ,, | | |
| | Shaik Abdul Rahman Street ... | ,, | Not in use ... | Portions only. |
| | Shaik Ally Junjiker Street ... | ,, | Do. | |
| | Shaik Memon Street... ... ... | May 1881. | Do. | |
| | Sootar Chall ... ... ... ... | June 1884. | Do. | |
| | Tackwady (small portion only) ... | ,, | Do. | |
| | Tally Gully ... ... ... ... | ,, | Do. | |
| | Vithulwady ... ... ... ... | ,, | Do. | |
| | Musjid Bunder Road ... ... | Sewers completed in June 1884. | Do. | |
| Mandvi Section. | Bhandarwada Street... ... ... | June 1884. | Not in general use. | |
| | Carnac Bunder Road... ... ... | ,, | Do. | |
| | Cazee Syed Street ... ... ... | ,, | Do. | |
| | Chinch Bunder Road ... ... | ,, | Do. | |
| | 2nd Coombarwada 1st Cross Street.. | ,, | Do. | |
| | 2nd Coombarwada Street ... ... | ,, | Do. | |
| | Dongri Cooly Street ... ... ... | ,, | Do. | |
| | Dongri Jao Souza Street ... ... | ,, | Do. | |
| | Dontar 3rd Row (portion) ... ... | ,, | Do. | |
| | Duriastan or Chamburry Street ... | ,, | Do. | |

| Section. | Names of Streets. | Date of completion. | Date on which brought into use. | Remarks. |
|---|---|---|---|---|
| Mandvi Section.—*contd.* | Esplanade Cross Road ... ... | May 1881. | Dec. 1884 ... | Night-soil admitted from Carnac Bunder. |
| | Israel Mohla ... ... ... ... | June 1884. | Not in general use. | |
| | Khoja Gully ... ... ... ... | „ | Do. | |
| | Khuduck Lane and Cross Lane ... | „ | Do. | |
| | Mahomed Syed Mookrie Street .. | „ | Do. | |
| | Meerchi Gully ... ... .. | „ | Do. | |
| | Musjid Bunder Road ... ... | „ | Do. | |
| | Old Kazi Street ... ... ... | „ | Do. | |
| | Old Jamli Street ... ... ... | „ | Do. | |
| | Shaik Ali Janjiker Street ... ... | „ | Do. | |
| | Shamjee Hassajee Street ... ... | „ | Do. | |
| | Essajee Hassajee Street ... ... | „ | Do. | |
| | Frere Road ... ... ... ... | „ | Do. ... | There is a masonry sewer along Frere Road. |
| Chuckla Section. | Shaik Ali Janjiker Street ... ... | June 1884. | Not in general use. | |
| | Baloo Sarung Street... ... ... | „ | Do. | |
| | Beebee Jan Row ... ... ... | „ | Do. | |
| | Bhajipala Street ... ... ... | „ | Do. | |
| | Butcher Street ... ... ... | „ | Do. | |
| | 1st Coombarwada Street ... ... | „ | Do. | |
| | 2nd Coombarwada Street ... ... | „ | Do. | |
| | Dontar 3rd Row ... ... ... | „ | Do. | |
| | Esplanade Cross Road ... ... | May 1881. | Dec. 1884 ... | Night-soil admitted from Carnac-Bunder. |
| | Goolam Mohidin Street ... ... | June 1884. | Not in general use. | |
| | Hoosein Khan Kalifa Street ... | „ | Do. | |
| | New Memonwada Street ... ... | „ | Do. | |
| | Musjid Bunder Road ... ... | „ | Do. | |
| | Nagdevi Row ... ... ... ... | „ | Do. | |
| | Nagdevi Street (portion of) ... | „ | Do. | |
| | Naraen Dhuru Row ... ... ... | „ | Do. | |
| | Old Cazee Street ... ... ... | „ | Do. | |
| | Syed Abdul Rahiman Street ... | „ | Do. | |
| | Chambarwada... ... ... ... | „ | Do. | |
| | Pinjaree Lane... ... ... ... | „ | Do. | |
| Oomerkhari Section. | Chinch Bunder 2nd Row ... ... | June 1884. | Not in general use. | |
| | Chinch Bunder 3rd Row ... ... | „ | Do. | |
| | Dontad 3rd Row ... ... ... | „ | Do. | |
| | Israel Mohla ... ... ... ... | „ | Do. | |
| | Khudduck Road ... ... ... | „ | Do. | |
| Dongri Section. | Chinch Bunder 2nd Row ... ... | June 1884. | Not in general use. | |
| | Chinch Bunder 3rd Row ... ... | „ | Do. | |
| | Chinch Bunder 4th Row ... ... | „ | Do. | |
| | Naorosji Hill Cross Road ... ... | „ | Do. | |
| | Naorosji Hill Road ... ... ... | „ | Do. | |
| | Frere Road ... ... ... ... | „ | Do. | |
| Dhobi-Talao Section. | Queen's Road ... ... ... ... | July 1884. | July 1884 ... | Sewage admitted from Sonapur drain. |
| | Portion of Cavel ... ... ... | June 1884. | Not in general use. | |
| | Colbhat-wady 1st Lane ... ... | „ | Do. | |
| | Colbhat-wady 2nd Lane ... ... | „ | Do. | |
| | Colbhat-wady 3rd Lane ... ... | „ | Do. | |
| | Portion of Dadysett's Agiary Lane. | „ | Do. | |
| | Gaiwadi Lane ... ... ... .. | „ | Do. | |
| | Kalbadevi Road ... ... ... | „ | Do. | |

| Section. | Names of Streets. | Date of completion. | Date on which brought into use. | Remarks. |
|---|---|---|---|---|
| Fanaswadi Section. | Portion of Dadysett's Agiari Road. | June 1884. | Not in general use. | |
| | Bhuleshwar Road ... ... ... | May 1881. | Do. | |
| | Coombhar Tookra ... ... ... | June 1884. | Do. | |
| | Fanaswadi (portion of) ... ... | „ | Do. | |
| | Portuguese Church Street ... ... | „ | Do. | |
| | Khutur Wari ... ... ... ... | „ | Do. | |
| Bhuleshwar Section. | Bhuleshwar Road ... ... ... | May 1881. | Not in general use. | |
| | 1st Pophulwadi ... ... ... | June 1884. | Do. | |
| | 2nd Pophulwadi ... ... ... | „ | Do. | |
| | Portuguese Church Street ... ... | „ | Do. | |
| | 2nd Portuguese Lane ... ... | „ | Do. | |
| | Dadysett's Agiary Lane ... ... | „ | Do. | |
| Koomharwada Section. | Ardasir Dady Street... ... ... | May 1881. | Dec. 1887. | |
| | 2nd Carpenter Street ... ... | June 1884. | Do. | |
| | Islampura Street ... ... ... | May 1881. | Do. | |
| | Sindi Gully ... ... ... ... | June 1884. | Do. | |
| | Girgaum Back Road (portion) ... | „ | Do. | |
| | Khetwadi Main Road ... ... | „ | Do. | |
| | Islampura Cross Lane ... ... | „ | Do. | |
| Girgaum Section. | Portion of Candawadi ... ... | June 1884. | Not in general use. | |
| | Bhuleshwar Road ... ... ... | May 1881. | Dec. 1884 ... | Night-soil admitted from Carnac Bunder. |
| | Girgaum Back Road (portion) ... | June 1884. | Not in general use. | |
| | Jagannath Sadasew Street ... ... | „ | Do. | |
| | Kakudwadi Lane ... ... ... | „ | Do. | |
| | Khuturwadi 1st Lane ... ... | „ | Do. | |
| | Portuguese Church Lane ... ... | July 1884. | Do. | |
| | Thakurdwar Road (portion) ... | June 1884. | Do. | |
| | Queen's Road... ... ... ... | July 1884. | July 1884 ... | Sewage admitted from Sonapur Drainage. |
| | Churni Boyd Road ... ... ... | „ | Do. ... | Ditto. |
| | Khuturwadi 2nd Lane ... ... | June 1884. | Not in general use. | |
| Chowpatty Section. | Dammer Gully (small portion) ... | June 1884. | Not in general use. | |
| | Portuguese Church Road ... ... | July 1884. | Do. | |
| | Portion of Mathew Road ... ... | „ | Oct. 1886 ... | Night-soil admitted from Girgaum Depôt. |
| Khetwadi Section. | Ardasir Dady Street ... ... | June 1884. | Dec. 1887. | |
| | Portion of Girgaum Back Road ... | „ | Do. | |
| | Grant Road ... ... ... ... | „ | Do. | |
| | Khetwadi Back Road ... ... | „ | Do. | |
| | Khetwadi Main Road ... ... | „ | Do. | |
| | Khetwadi Lanes from 1st to 9th ... | „ | Do. | |
| | Do. from 10th to 15th... | June 1886. | Do. | |
| | Parsiwada 1st Street ... ... ... | June 1884. | Do. | |
| | Do. 2nd do. ... ... ... | „ | Do. | |
| | Do. 3rd do. ... ... ... | „ | Do. | |
| Walkeshwar Section. | Portion of Gaumdevi ... ... | June 1884. | Not in general use. | |

| Sections. | Names of Streets. | Date of Completion. | Date on which brought into use. | Remarks. |
|---|---|---|---|---|
| Mahalakshmi Section. | Tardeo Road ... ... ... ... | June 1884. | Not in general use. | |
| Tarwari Section. | Love Lane ... ... ... ... | March 1885. | Do. ... | |
| | Victoria Road ... ... ... ... | | | |
| | Parel Road (from Love Lane to Clerk Road). | | | |
| Byculla Sub-Section. | Agreepada ... ... ... ... | Mar. 1885. | Not in general | |
| | Clare Road ... ... ... ... | ,, | Do. [use. | |
| | Clerk Road ... ... ... ... | Sept. 1886. | Do. | |
| | DeLisle Road ... ... ... ... | June 1885. | June 1887. | |
| | Haines Road (from Byculla Bridge to Jacob's Circle). | Mar. 1885. | Not in general use. | |
| | Haines Road (from Jacob's circle to Dhobiwada). | July 1884. | July 1884. | |
| | Parel Road (from Love Lane to Clerk Road). | Mar. 1885. | Not in general use. | |
| Kamathipura Sub-section. | Kamathipura Bazar Street... ... | June 1884. | Oct. 1886. | |
| | Do. Centre do. ... ... | ,, | Do. | |
| | Cursedjee Sukhlajee Street ... | ,, | Do. | |
| | Portion of Foras Road ... ... | ,, | Do. | |
| | Do. of Grant Road ... ... | ,, | Do. | |
| | Kamathipura Streets from 1st to 16th | ,, | Do. | |
| | Oomerkhari Sewer Road ... ... | ,, | Do. | |
| | Brunton Road... ... ... ... | ,, | Do. | |
| 1st Nagpada sub-section. | Clare Road ... ... ... ... | Mar. 1885. | Not in general use. | |
| 2nd Nagpada Sub-section. | Parel Road (from Love Lane to Clerk Road). | Mar. 1885. | Do. | |
| Tardeo Sub-section. | Cursedjee Sukhlajee Street ... | Apr. 1885. | Apr. 1885. | |
| | Grant Road ... ... ... ... | Mar. 1885. | Not in general [use. | |
| | Tardeo Road ... ... ... ... | ,, | Do. | |
| | Gilder Street (portion) ... ... | ,, | Do. | |
| | Portion of Foras Road ... ... | ,, | Do. | |
| | Falkland Road ... ... ... | May 1881. | Do. | |
| | Oomerkhari Sewer Road (portion). | Apr. 1885. | Apr. 1885. | |
| | Annesly Road ... ... ... | June 1884. | Not in general use. | |
| Parel Section. | Portion of Arthur Road ... ... | Sept. 1886. | Only partially in use. | |
| | DeLisle Road ... ... ... | June 1885. | June 1887. | |

RETURN showing the Death-rate per 1,000 of Population in the following years :—

| Divisions. | Localities. | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. | Mortality per 1,000 of Population. |
| A | Upper Colaba.. | 29·27 | 26·58 | 30·46 | 40·46 | 27·90 | 39·41 | 33·13 | 27·90 | 38·71 | 28·25 |
| A | Middle & Lower Colaba ... | 31·61 | 19·84 | 23·08 | 24·18 | 18·78 | 20·61 | 20·18 | 21·17 | 19·55 | 20·18 |
| A | Fort, Southern | 11·84 | 13·96 | 12·27 | 5·68 | 3·98 | 7·39 | 9·10 | 8·25 | 7·11 | 5·97 |
| A | Fort, Northern | 29·42 | 24·01 | 24·18 | 22·20 | 22·76 | 23·14 | 24·32 | 24·15 | 21·84 | 22·46 |
| A | Esplanade ... | 44·05 | 99·77 | 25·89 | 22·78 | 17·35 | 18·34 | 18·42 | 17·43 | 12·92 | 15·44 |
| B | Market ... | 33·31 | 28·32 | 26·90 | 24·48 | 23·26 | 25·19 | 24·62 | 23·34 | 21·94 | 20·33 |
| B | Mandvi ... | 53·61 | 41·31 | 38·57 | 32·93 | 32·63 | 34·85 | 32·06 | 30·49 | 28·78 | 29·72 |
| B | Chuckla ... | 40·05 | 38·04 | 34·72 | 34·41 | 29·90 | 36·76 | 40·02 | 41·02 | 35·62 | 38·38 |
| B | Oomarkharee... | 50·70 | 42·71 | 35·12 | 32·54 | 33·24 | 38·07 | 33·33 | 30·44 | 29·43 | 29·16 |
| B | Dongree ... | 55·21 | 33·49 | 38·03 | 31·57 | 27·36 | 28·53 | 26·79 | 28·98 | 24·24 | 22·31 |
| C | Dhobi Talao .. | 37·05 | 29·62 | 30·27 | 30·62 | 29.35 | 33·59 | 33·39 | 29·89 | 27·43 | 27·91 |
| C | Fanaswadi ... | 30·10 | 20·95 | 22·78 | 24·20 | 19·16 | 22·65 | 22·09 | 20·84 | 18·39 | 19·16 |
| C | Bhuleshwar ... | 34·25 | 33·25 | 29·64 | 29·41 | 28·44 | 33·01 | 30·20 | 31·22 | 28·13 | 27·31 |
| C | Khara Talao... | 54·65 | 47·76 | 48·86 | 40·04 | 33·11 | 36·98 | 37·88 | 36·87 | 31·26 | 31·36 |
| C | Kumbharwada. | 45·77 | 41·89 | 39·24 | 29·26 | 27·29 | 30·72 | 27·77 | 29·08 | 27·60 | 25·75 |
| C | Khetwadi ... | 41·54 | 30·10 | 29·65 | 24·96 | 21·87 | 28·97 | 26·87 | 24·94 | 21·97 | 24·83 |
| C | Girgam ... | 35·50 | 25·76 | 33·71 | 27·64 | 26·18 | 31·04 | 32·86 | 29·18 | 28·08 | 27·76 |
| D | Chaupati ... | 41·69 | 29·08 | 30·54 | 27·15 | 20·13 | 21·77 | 22·14 | 17·94 | 17·85 | 20·59 |
| D | Walkeshwar ... | 28·82 | 29·58 | 25·44 | 19·46 | 15·57 | 17·42 | 14·50 | 18·40 | 17·16 | 14·06 |
| D | Mahalakshmi... | 33·12 | 30·57 | 30·11 | 22·30 | 20·53 | 29·68 | 32·25 | 23·42 | 27·92 | 39·47 |
| E | Mazagon ... | 35·18 | 27·55 | 30·22 | 21·82 | 24·69 | 30·60 | 24·90 | 24·79 | 22·86 | 23·18 |
| E | Tarwadi ... | 31·73 | 24·89 | 22·90 | 18·56 | 30·60 | 45·31 | 33·21 | 36·37 | 37·40 | 36·37 |
| E | 2nd Nagpada... | 73·60 | 53·28 | 54·15 | 36·17 | 37·05 | 38·43 | 39·81 | 40·13 | 38·06 | 41·76 |
| E | Kamathipura... | | | | | 38·76 | 43·71 | 42·17 | 38·65 | 35·77 | 37·11 |
| E | Tardeo ... | | | | | 20·85 | 27·66 | 23·81 | 25·49 | 23·17 | 23·27 |
| E | Byculla ... | 44·55 | 34·53 | 37·02 | 30·40 | 26·41 | 29·54 | 27·38 | 30·88 | 28·50 | 33·82 |
| E | 1st Nagpada ... | | | | | 34·67 | 40·22 | 43·74 | 37·02 | 31·58 | 33·71 |
| E | Parel ... | 45·95 | 38·40 | 40·15 | 34·42 | 32·38 | 35·50 | 35·77 | 31·68 | 32·05 | 35·39 |
| E | Sewri ... | 36·32 | 36·09 | 37·21 | 35·10 | 22·32 | 27·90 | 30·78 | 23·58 | 21·96 | 23·04 |
| F | Sion ... | 28·08 | 26·53 | 24·02 | 18·21 | 21·81 | 23·67 | 21·69 | 18·10 | 16·41 | 17·11 |
| F | Mahim ... | 38·08 | 33·26 | 27·04 | 26·74 | 22·47 | 27·67 | 29·23 | 27·73 | 23·45 | 22·93 |
| F | Worli ... | 28·87 | 25·09 | 19·91 | 16·34 | 19·62 | 25·99 | 26·94 | 25·58 | 22·91 | 24·21 |
| | Water Division | 5·44 | 4·35 | 2·04 | 3·17 | 3·41 | 4·37 | 4·21 | 3·25 | 1·72 | 3·09 |
| | Non-Resident and Unknown | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Letter No. 2200, dated 20th June 1888, from the Secretary, Town Council, to the Members of the Town Council :—

The undersigned has the honour to state that, at the meeting of the Town Council held this day, it was agreed that the following be circulated to the members of the Town Council :—

Memorandum No. 4407, dated 14th instant, from the Acting Municipal Commissioner, forwarding, with reference to the Town Council's Resolution No. 102, dated 11th April 1888, the following returns :—(1) from the Health Officer, showing the death-rate in each district during the past 10 years ; (2) from the Acting Executive Engineer, showing the districts provided with sewers during that period.—

H. W. BARROW,
Sectretary, Town Council.

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Seen and returned. I am sorry my medical colleagues have made no remarks.

V. N. MANDLIK.

BOMBAY, *9th August* 1888.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the returns submitted by the Town Council, showing (1) the death-rate in each district of this City during the past 10 years, and (2) the districts provided with sewers during that period, be *recorded.*"

No. 4272.

*Carried.*

Considered the following :—

No. 9015 OF 1888-89. BOMBAY, *23rd August* 1888.

TO THE CLERK, MUNICIPAL CORPORATION ;
AND SECRETARY, TOWN COUNCIL.

SIR,—I have the honour to forward herewith a statement for quarter ending 30th June 1888 as required by the Corporation's Resolution No. 1270, dated 3rd October 1887.—

I have, &c.,
F. L. CHARLES,
Acting Municipal Commissioner.

*Quarterly Statement as per Corporation's Resolution No.* 1270 *of* 1887-88 *for the quarter ending* 30*th June* 1888.

| Wards. | No. of new properties assessed during the quarter, with the total amount of assessment fixed for the same. | | No. of previously existing properties, the assessments of which have been increased during the quarter and the total amount of the increased assessment. | | No. of previously existing properties, the assessments of which have been reduced during the quarter, and the total amount of the reduced assessment. | | Remarks. |
|---|---|---|---|---|---|---|---|
| | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | |
| | | Rs. | | Rs. | | Rs. | |
| A | 4 | 372 | 2 | 1,385 | 4 | 3,582 | |
| B | 4 | 11,580 | *18 | 14,023 | 14 | 3,893 | * This includes 9 properties formerly assessed as land, but now built on. |
| C | 3 | 3,396 | *10 | 6,407 | 14 | 4,588 | * Do. 6 do. do. do. |
| D | 10 | 4,365 | *18 | 16,837 | 23 | 3,766 | * Do. 7 do. do. do. |
| E | 37 | 14,235 | *22 | 8,662 | 7 | 2,742 | * Do. 14 do. do. do. |
| F | 6 | 1,920 | *10 | 6,998 | 15 | 1,077 | * Do. 5 do. do. do. |
| G | 5 | 600 | *16 | 46,219 | 7 | 2,955 | * Do. 4 do. do. do. |
| Total.. | 69 | 36,468 | 96 | 1,00,531 | 84 | 22,603 | |

NOTE—This return is useless for purposes of calculation, as it does not show sums to be refunded (Form No. 10), nor reductions on appeal, nor rise in rents, nor previous under-assessments, the two latter taking effect from the ensuing year.

R. P. BRUNTON, Assessor and Collector.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the return by the Assessor and Collector showing the number of new properties assessed, and the total amount of assessment fixed, for the quarter ending 31st March 1888, be *recorded*."

No. 4273.

*Carried.*

Considered the Town Council's Resolution No. 3896, dated 22nd August 1888, stating that the Council propose to defer the consideration of the question of the proposed transfer of the zoological collection in the Victoria Gardens, to the Natural History Society, until the new Municipal Bill becomes law.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the Resolution of the Town Council, No. 3896, dated 22nd August 1888, be approved and *recorded*."

No. 4274.

*Carried.*

This concluded the business of the Meeting.

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BOMBAY, 1*st October* 1888.

AT the monthly meeting of the Municipal Corporation of the City of Bombay, held this day, there were present :

RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B., *President.*

BHAISHANKAR NANABHAI, Esq.; THOMAS BLANEY, Esq.; BOMANJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKANATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDESEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJFE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJI BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJP BYRAMJEE SUNTOOK, Esq; NARAYEN GUNESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MAHOMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P.; (London); MAJOR H. O. SELBY, R. E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Special General Meeting held on the 13th ultimo, were signed.

The Chairman stated that he had received a letter from Sir Jamsetjee Jeejeebhoy, apologizing for non-attendance on account of indisposition, and asking that the motion standing in his name regarding the voting of Addresses to the present, as well as the Viceroy designate, may be postponed until the meeting of the 8th instant.

It was agreed *unanimously* that the consideration of the notice be postponed accordingly, and the item was transferred to the agenda paper of the meeting called for 8th instant.

Considered letter No. 10387, dated 15th ultimo, from the Acting Municipal Commissioner, stating formally that Bombay Act III. of 1888 (City of Bombay Municipal Act) received the assent of H. E. the Viceroy and Governor-General on the 8th September and was published in the *Government Gazette* of the 14th idem, becoming law from that date.

Also letter No. 10818, dated 25th ultimo, from the Acting Commissioner, forwarding the following :—

No. 187 OF 1888.

LEGISLATIVE DEPARTMENT,

BOMBAY CASTLE, *13th September* 1888.

Read Government letter to the Municipal Commissioner for the City of Bombay, No. 118, dated 17th May 1888, informing him, in reply to his letter No. 2400, dated the 10th May 1888, that when the City of Bombay Municipal Bill No. 4 of 1887 becomes an Act the Superintendent, Government Central Press, will be instructed to supply him with 275 copies of the Act at the cost of the Municipality. Letter from the Municipal Commissioner for the City of Bombay, No. 4255, dated the 11th June 1888, requests with reference to his letter No. 2400, dated the 10th May 1888, and the reply of Government No. 118, dated the 17th idem, that orders may be issued to the effect that the number of copies of the Act to be printed for the Municipality may be increased from 275 to 500. Letter from the Secretary to the Government of India, Legislative Department, No. 1601, dated the 8th September 1888, returns with the assent of His Excellency the Viceroy and Governor General signified thereon, the authentic copy of the City of Bombay Municipal Bill No. IV of 1887.

*Resolution.*—The Bill should be published as Bombay Act No. III. of 1888 and reported to Her Majesty's Secretary of State. (2). The letter from the Government of India should be placed before the Council at next meeting. (3). The Act should be translated into Gujarathi and the translation should be published in the *Government Gazette*. (4). The Superintendent, Government Central Press, should forward 500 copies of the Act to the Municipal Commissioner for the City of Bombay and recover the cost from the Municipality. (5). Copies of this Resolution and of the Act should be forwarded to the

General Department with reference to that Department transfers Nos. 4356 and 4357, dated the 17th December 1886.

J. J. HEATON, Acting Under-Secretary to Government.

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 4468. "That letters Nos. 10387 and 10816, dated 15th and 25th September 1888, from the Acting Municipal Commissioner, together with Government Resolution No. 187, Legislative Department, dated 13th idem, be *recorded.*"

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 4469. "That Resolution of the Standing Committee, No. 4307, dated 19th September 1888, as follows, be approved :—

"That, under the provisions of Section 77 and Schedule R of the City of Bombay Municipal Act of 1888, and subject to the approval of the Municipal Corporation, the pay of Mr. H. W. Barrow, Municipal Secretary, be fixed at Rs. 1,000 per mensem, with a personal allowance of Rs. 200 a month, for long and approved service, or a total of Rs. 1,200 a month."

*Carried unanimously.*

With reference to notice of motion regarding the appointment of a member of the Board of the Victoria Jubilee Technical Institute, the following papers were, with the permission of the President and the consent of the meeting, read :—

Letter No. 157, dated 24th September 1888, to the Municipal Secretary, as follows :—

SIR,—I have been directed to forward you copy of a letter addressed to the Acting Municipal Commissioner, also copy of resolution of the Board of the Victoria Jubilee Technical Institute at their Meeting of the 31st ultimo, and shall feel obliged, by your asking the Corporation to nominate another gentleman, in place of E. C. K. Ollivant, Esq., C. I. E.—I have, &c., NOWROJEE N. WADIA, Honorary Secretary to the Board of the Victoria Jubilee Technical Institute.

Letter No. 110, dated 6th September 1888, to the Acting Municipal Commissioner, as follows:—

"SIR,—I beg to inform you that, at the last meeting of the Board of the Victoria Jubilee Technical Institute, held on the 31st ultimo, it was resolved to ask you to request the Corporation to nominate a representative in the place of Mr. Ollivant. I shall therefore feel

obliged by your doing the needful.—I have, &c., NOWROJEE N. WADIA, Honorary Secretary to the Board of the Victoria Jubilee Technical Institute."

"*Copy of Resolution at the Meeting of the Board of the Victoria Jubilee Technical Institute, on the 31st August 1888.*

"The Chairman stated that, owing to the absence of Mr. Ollivant for nineteen months from Bombay, it would be necessary to ask the Municipal Corporation to nominate a representative in his place.

*Resolved*: "That the Honorary Secretary be requested to address the Municipal Corporation on the subject."

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"That Major H. O. Selby be appointed a member of the Board of the Victoria Jubilee Technical Institute as a representative of the Municipal Corporation, in the place of E. C. K. Ollivant, Esq., C.I.E."

No. 4470.

This motion was seconded by Javerilal Umiashankar Yajnik, Esq., and *carried unanimously*.

Considered the following :—

Letter No. 9673, dated 4th September 1888, to the Chairman, as follows :—

SIR,—I have the honour to draw your attention to section 39, clause (2) of the new Municipal Bill, by which it is obligatory on Government and on the Corporation to make the first appointments, each appointing four members to the Joint Schools Committee, within one month from the date on which the Act comes into operation. As I understand the Act will be law in a very short time, I have the honour to suggest that the selection of the members of the Joint Schools Committee should now be undertaken, so that the Committee may be appointed within the time required.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 1703 OF 1888.

EDUCATIONAL DEPARTMENT.

*Bombay Castle, 21st September* 1888.

TO THE CHAIRMAN OF THE MUNICIPAL CORPORATION.

SIR,—I am directed to address you on the subject of certain sections of the City of Bombay Municipal Act No. III of 1888.

2. It has now become incumbent on the Corporation and on Government under Section 39, each to appoint four members of a Joint Schools Committee within one month from the date of the Act coming into operation. I am to state that the Governor in Council will esteem it a favour if you can inform me at your early convenience of the names of the four members appointed by the Corporation in order that Government may proceed to appoint the other members. I am

also to request the favour of intimation as to the appointments of Secretary, clerks and messengers referred to the Section 39 (6).

3. The duties and powers which devolve on the Joint School Committee under Section 39 (7) (9) involve the preparation of by-laws duly made under Section 461. I am to suggest for consideration of the Corporation that it may assist them in this task if the Educational Inspector, Central Division, is directed to consult with them or give them any information or suggestions that they may require. If this proposal is approved, I am directed to instruct the Educational Inspector that he should comply, as far as possible, with any request that you may make to him, and I shall therefore be obliged if you will inform me of the wishes of the Corporation in the matter.

4. The duties of the Corporation under Section 61 (9) involve the transfer to the Joint Schools Committee of all schools, appliances and correspondence, and it is proposed that this transfer should take place immediately after the constitution of the Committee. It will probably be convenient to the Corporation to know what grants, balances, and sums will be available under Section 120 of the Act. I am accordingly to state that the Director of Public Instruction will be directed to ascertain and pay to the Committee the unexpended balance of the grant-in-aid paid to the Presidency Educational Fund and such other sums as may be required under the Act. The Government Inspecting Staff will continue for the present to be paid by Government. When Government are in possession of the figures of expenditure mentioned in Section 120 (2) (*c*), the future grant-in-aid will be determined. I am to take this occasion to observe that the Governor in Council looks with confidence to the Corporation to manage and develop the department of primary education entrusted to their care with the same liberality and success as they have administered other public duties hitherto left to their control. With these remarks I am to request the favour of an early reply, and to add that Government will be in a position to consider what rules it may be necessary for them to make when the by-laws made by the Corporation are before them.—I have, &c., W. LEE-WARNER, Secretary to Government.

In accordance with notice of motion, it was—

Proposed by Major H. O. Selby—

"1. That the Corporation do now proceed to elect four gentlemen as members of the Joint Schools' Committee by ballot.

"2. That the Chairman do report the names of the four gentlemen elected, to Government in the Educational Department.

"3. That, with reference to the question of by-laws and establishment, the Chairman do inform Government that in the opinion of the Corporation the best procedure will be for Government to complete the Board, and for the Board to proceed to draw up a code of by-laws, to be submitted to the Corporation for their approval, and also to draw up a scale of proposed establishment as well as a rough esti-

mate of the probable income and expenditure of the Board for the next financial year, and for the unexpended balance of the current financial year."

This motion was seconded by the Hon'ble Mr. Pherozeshah Merwanji Mehta.

The President ruled that it would be out of order to proceed to ballot for the election of members of the Schools' Committee, as No. 18 of the Rules for the conduct of business directs that voting is to be by show of hands, whilst Rule No. 19 explicitly limits balloting to the appointment of members of the Town Council.

With the permission of the President and the consent of the meeting, the words "by ballot" were *struck out.*

Mr. Geary raised the objection that it would be out of order to propose the appointment of gentlemen whose names had not been previously placed before the Corporation.

The President ruled that the proposition was in order, and pointed out that it was quite competent to any gentleman to propose any other names.

The mover proposed the following gentlemen as members of the Committee:—Thomas Blaney, Esq., the Hon'ble Mr. Kashinath Trimbak Telang, C.I.E., Rahimtula Mohamed Sayani, Esq., and Narayan Gunesh Chandavarkar, Esq.

The President then requested that his name might be withdrawn from the proposal as he would be unable to devote the necessary time to the work.

Major Selby thereupon inserted the name of Mr. Abdula Meheralli Dharamsi.

Proposed by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major Waters—

"That Mr. Bomanjee Pestonjee Master be appointed one of the Committee.

Mr. Bomonjee P. Master expressed his regret at being unable to act on the Committee.

Mr. Cowasjee Hormusjee then proposed the name of Mr. Kaikhusro Nowroji Kabraji.

Mr. Narayan Gunesh Chandavarkar also expressed his regret at being unable to serve.

Proposed by Jamshedjee Pallonjee Kapadia, Esq., "that Colonel Merewether, Sir Henry Morland, Mr. Kaikhusro Nowroji Kabraji and Mr. Javerilal Umiashankar Yajnik be appointed members of the Committee."

*Not seconded.*

The resolution proposed by Major Selby and, amended as above, was then *carried*, as follows :—

No. 4471.

"1. That the Corporation do now proceed to elect four gentlemen as members of the Joint Schools' Committee.

"2. That the Chairman do report to Government in the Educational Department the names of the four following gentlemen as elected:—Thomas Blaney, Esq., the Hon'ble Mr. Kashinath T. Telang, C.I.E., Abdoola M. Dharamsi, Esq., Kaikhusro N. Kabrajee, Esq.

"3. That, with reference to the question of By-laws and establishment, the Chairman do inform Government that, in the opinion of the Corporation, the best procedure will be for Government to complete the Board, and for the Board to proceed to draw up a code of by-laws, to be submitted to the Corporation for their approval, and also to draw up a scale of proposed establishment, as well as a rough estimate of the probable income and expenditure of the Board for the next financial year, and for the unexpended balance of the current financial year."

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

No. 4472.

"That letter No. 4329, dated 20th September 1888, from the Municipal Secretary, to the President, reporting Budget transfers sanctioned by the Town Council and the Standing Committee up to the 19th idem, as under, be *recorded* :—

"SIR,—I have the honor to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by the late Town Council and the Committee, respectively, up to the 19th September 1888, Rs. 467-3-4, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section I, Establishment, Fire Brigade Budget, to Section II, Office Establishment, D, Cash Branch, Controller's Department Budget, to meet the cost of acting arrangement made during the absence of Mr. Byramjee Sheriarjee, Cashier, Controller's Office, on privilege leave for one month ..... | 26 | 0 | 0 |
| Transfer from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section I, Staff, General Supervision, same Budget, to meet the amount of acting allowance to Inspector and Sub-Inspector, in consequence of the absence of Mr. J. Leask, Assistant Health Officer, on privilege leave ..... | 441 | 3 | 4 |
| Total...Rs. | 467 | 3 | 4 |

—I have, &c., H. WYNFORD BARROW, Municipal Secretary."

*Carried.*

On the suggestion of Cowasjee Hormusjee, Esq., the President, with the consent of the majority of members, gave priority to the notice of motion given by Mr. Narayan Gunesh Chandavarkar, as follows :—

Proposed by Narayan Gunesh Chandavarkar, Esq.—

"That the Resolution of the Municipal Corporation, No. 2540, dated 28th June 1888, about the purchase of land at Khetwadi for an hospital for cholera or other epidemic diseases, be cancelled."

Dr. Rastamji Nasarvanji Khory seconded the motion.

With the permission of the President and the consent of the meeting, a letter was read, dated this day, from Mr. Dosabhoy Bazonjee, President, and Messrs. J. A. DeGama, B. S. Shroff, Joint Honorary Secretaries of the Bombay Medical Union, asking the Corporation to rescind their Resolution regarding the building of permanent cholera hospitals in the city, and to substitute for fixed hospitals temporary moveable hospitals when occasion occurs, to be located in situations or districts in which they may be required.

Read also the following letter signed by Sir Dinshaw Manockjee Petit, Kt., Sir Jamsetjee Jejeebhoy, Bart, and over 1000 other Parsee inhabitants :—

BOMBAY, 16*th September* 1888.

TO THE CHAIRMAN AND MEMBERS OF THE MUNICIPAL CORPORATION.

GENTLEMEN,—We, the undersigned Parsi inhabitants of Bombay, have learnt with great surprise and regret the recent Resolution of the Meeting of the Bombay Corporation recorded on the 28th of June last, authorising the erection of a hospital for *epidemic* diseases on a site opposite to the Parsi charity property known as the Kama Bag.

The Corporation, and especially the Parsi members of it, are, we believe, fully aware of the fact that Kama Bag attracts large crowds of Parsis, whether inhabiting its immediate neighbourhood or the remote districts of our very populous city, on Parsi public festival days and other religious occasions, and is a constant resort of Parsi families for the purposes of solemnising marriages, *nowjotes*, *ghumbars*, performing *uthamna* and other ceremonies for the dead, and for other like objects in and out of season throughout the year.

The erection of the proposed hospital, too, to the windward side of the Kama Bag is calculated to impair considerably, if not absolutely, to destroy the utility of the charity to the Parsi public and to imperil, by the spread of germs of epidemic diseases through the atmosphere in times of illness, the lives of those who may have occasion to make use of the property. We also beg to bring to your notice that for certain religious ceremonies performed at Kama Bag, well water is consumed.

Moreover, the inmates of the proposed hospital will not be able to enjoy that quietude and that freedom from noise and disturbance which is also essential to their recovery to health, and which the busy surroundings of the Kama Bag as a place of general public resort at all times of the year by night and day, are not likely to secure to them.

Upon these grounds, both of sanitation and general public convenience, we have to request that the Corporation on a careful consideration of them will be pleased to rescind the above-mentioned Resolution.—We have, &c.,

DINSHAW MANOCKJEE PETIT,
JAMSETJEE JEJEEBHOY,
(and over 1000 others).

Considered again petition, dated 9th July last, from Mr. Cumroodin Tyebji, Mr. A. D. Mody and other gentlemen, also protesting against the proposed erection of infectious diseases hospital near Kama Bag.

A rider was proposed by Surgeon-Major Waters, and seconded by Grattan Geary, Esq., for the appointment of a Committee to reconsider the whole question of cholera hospitals.

On the suggestion of Major Martin the word "epidemic" was inserted in the rider in place of "cholera."

The rider was accepted as part of the original motion.

A motion, proposed by P. C. DeSouza, Esq., seconded by Thomas Blaney, Esq., to adjourn the meeting, was *lost*, only 3 votes being recorded *for* the motion.

After further discussion, the motion was put to the vote as follows, and was *carried nem. con.* :—

"That the Resolution of the Corporation No. 2540, dated 28th June 1888, about the purchase of land at Khetwady for an hospital for cholera or other epidemic diseases, be cancelled.

No. 4473.

"That the Corporation appoint the following Committee to reconsider the whole question of saving life in times of epidemic :—

"The Hon. Mr. Pherozeshah Merwanji Mehta, Dr. T. Blaney, Mr. Narayan Gunesh Chandavarkar, Dr. R. N. Khory, Mr. Mahomed Hussein Hakim, Khan Bahadur M. C. Murzban, Surgeon-Major G. Waters and Cowasjee Hormusjee, Esq."

Shortly after 5 o'clock the meeting separated, and the President fixed the adjourned meeting for 3 P.M. on Thursday, 4th instant.

BOMBAY, *4th October* 1888.

AT the adjourned Monthly Meeting of the Municipal Corporation of Bombay (originally called for the 1st instant, and adjourned from that day) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; J. R. DUXBURY, Esq.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KARSANDAS VALLABHDAS, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD W. MARTIN; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJEE BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; VANDRAWUNAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The signing of the minutes of the monthly meeting held on 1st instant, was postponed.

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

No. 4570.

"That, as recommended by the Town Council in their Resolution No. 4154, dated 5th September 1888, sanction be given to the writing off, as loss, of Rs. 9,915-9-10, being the difference between the book value and sale proceeds of unserviceable, perishable and dead stock of different departments of the Municipality as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| Difference between book value and sale proceeds of unserviceable stores belonging to the Drainage, Water Works and other Departments ... ... | 5,742 | 10 | 9 |
| Loss on account of broken pipes sold ... ... ... | 443 | 14 | 11 |
| Loss on account of unserviceable hose of the Fire Brigade transferred to Malabar Hill Reservoir, Victoria Gardens, and Drainage Departments ... | 2,257 | 0 | 2 |
| Loss on account of miscellaneous articles of the Police Hospital, broken and rotten ... ... ... | 722 | 0 | 0 |
| Value of 10 tons old pipes taken out from Khetwadi and other streets, erroneously taken as surplus in the accounts for 1886-87, instead of being credited to the work, now adjusted by debit to profits and loss on account of stores ... ... | 300 | 0 | 0 |
| Value of 18 waste preventive cisterns supplied by the Municipal Workshops sold to Mr. Adumji Peerbhoy in 1885-86, and erroneously taken as surplus in the accounts for that year, instead of being credited to deposit account, pending the adjustment of the Workshops' charges now adjusted by debit to profit and loss of stores ... | 450 | 0 | 0 |
| Total ..,Rs. | 9,915 | 9 | 10" |

*Carried.*

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

No. 4571. "That, as recommended by the Standing Committee, in their Resolution No. 4318, dated 19th September 1888, sanction be given to the writing off, as loss, of Rs. 1,539-13-2, from the live stock return of the Health Department, being the book value of 24 bullocks that died and 2 that were destroyed—total 26—during the quarter ending 31st May 1888."*

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4572. "That, as recommended by the Standing Committee in their Resolution No. 4325, dated 19th September 1888, sanction be given to the Acting Municipal Commissioner's proposal to set aside annually Rs. 3,000, to provide against loss from fires occurring in Municipal buildings."

*Carried.*

Read letter No. 10013, dated 8th September 1888, from the Acting Municipal Commissioner to the Chairman, as follows :—

SIR,—Overbridges will be required soon over the B. B. & C. I. Railway crossing on DeLisle Road and over the G. I. P. Railway crossing on Currey Road.

2. These roads are not at present wide enough for the high level Bridge Road, and the low level side roads which are necessary to give access to properties on either side of the Bridge approaches.

3. Noticing that this locality is being rapidly built over and in view of the heavy expenditure which will have to be incurred in future if houses are allowed to be built and have afterwards to be pulled down to afford room for the bridges, I have had a plan prepared, laying down the width necessary to be maintained free from buildings, and I have the honour to request the approval of the Corporation to the same, under Section 154 of the Acts of 1872 and 1878, and Section 289 of the new Act of 1888, should the latter be in force when this letter is considered by the Corporation.

This approval of the Corporation to the scheme is intended to enable me to prevent building over so much of the land required, as is now vacant.

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* *Causes of death :* 3 Inflammation of lungs and general debility, 2 flatulent colic, 2 heart disease, 3 inflammation of heart and lungs, 9 old age and general debility, 1 dysentery and general debility, 1 diseases of lungs, 1 from the effects of lap-bone broken into pieces, 1 foot and mouth disease, 1 heart and lungs inflamed and abscess in liver. Total died 24, and 2 destroyed. Total died and destroyed 26. *Locality where death or invalidity took place* : 15 Bori Bundar Hospital, 2 Sankli Tank Hospital, 1 B Ward stable, 2 C Ward stable, 2 D Ward stable, 1 E Ward stable, 2 G Ward stable, and 1 Girgam Night Branch stable—total 26. Annual percentage of losses on the whole stock, 6·09.

The question of the bridges themselves, as well as the question whether the entire cost should be borne by the Railway Companies, may stand over for the present, though it is probable that the bridges will be required in a very few years.

All that is wanted at present is, power to prevent building over the land which will eventually be required on DeLisle Road, Fergusson Road and Currey Road. The width required for DeLisle Road is 92 feet, for Currey Road 82 feet, and for Fergusson Road 82 feet, for the distances to which the slopes extend at a gradient of 1 in 35.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Surgeon-Major Waters, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That, as recommended by the Acting Municipal Commissioner, in his letter No. 10013, dated 8th September 1888, sanction be given to the widening of DeLisle, Currey and Fergusson Roads, at the points where the overbridges will be constructed, to the following widths, to allow of the reservation of the land required for the high level bridges and the side approaches to the existing properties adjacent:—DeLisle Road at a width of 92 feet, of Currey Road at 82 feet, and of Fergusson Road at 82 feet, as shown on the tracing * marked A, dated this day."

*Amendment*, moved by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

"That the following be referred to the Standing Com-
No. 4573. mittee for consideration and report:—

"Letter from the Acting Municipal Commissioner, No. 10013, dated 8th September 1888, asking that DeLisle, Currey and Fergusson Roads may be widened at the points where the overbridges will be constructed to the following widths to allow of the reservation of the land required for the high level bridges and the side approaches to the existing properties adjacent—DeLisle Road at a width of 92 feet, of Currey Road at 82 feet, and of Fergusson Road at 82 feet, as shown in the tracing marked A, dated this day."

On a division, the amendment was *carried nem. con.* as the substantive proposition.

Read the following:—

No. 3116 of 1888. GENERAL DEPARTMENT.
BOMBAY CASTLE, *5th September* 1888.

TO THE CHAIRMAN, MUNICIPAL CORPORATION, BOMBAY.

SIR,—In reply to your letter No. 3522, dated the 30th July last, representing the desirability of Government taking early action on the

* Filed in Supplement to Minute Book marked A.

Bill for the prevention of the adulteration of articles of food, submitted by the Corporation with their Chairman's letter No. 1721, dated 3rd December 1887, I am directed to state for the information of the Corporation that the general question is under the consideration of the Government of India, and that pending a decision by that Government His Excellency the Governor in Council deems it inexpedient to take any steps with a view to local legislation on the subject.—I have, &c., J. DE C. ATKINS, Under-Secretary to Government.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That letter No. 3116, General Department, dated 5th September 1888, from Mr. Under-Secretary Atkins, be *recorded*."

No. 4574.

*Carried.*

Read letter, dated 11th September 1888, from Mr. Ebrahim Vallibhoy, complaining that he is refused admission to the Assessor and Collector in respect of an appeal.

Read also resolution of the Standing Committee thereon, No. 4327, dated 19th September 1888, informing the Corporation that the Committee have referred the above letter to the Acting Municipal Commissioner for disposal.

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

"That, in reply to his letter, dated 11th September 1888, Mr. Ebrahim Vallibhoy be informed that the Corporation have referred the letter to the Acting Municipal Commissioner for disposal."

No. 4575.

*Carried.*

In accordance with notice of motion, it was—

Proposed by Major H. O. Selby—

"1. That the rules of procedure at meetings of the Corporation as already existing be accepted for the present.

No. 4576.

"2. That a Committee of the gentlemen named in para. 3 be appointed to revise the existing rules of procedure and standing orders of the Corporation.

"The Committee to have power to call for Municipal persons and papers, and to consult the Municipal Solicitors.

"Four to form a quorum.

"The Committee to be at liberty to make any suggestions they think desirable in the interests of the Corporation.

"To report within 4 months from this date.

"The Corporation desire the Committee carefully to consider the whole question and, amongst other things, the

procedure to be adopted for asking questions and obtaining answers after due notice and without debate; whether it would or would not be better to alter the procedure regarding amendments to original propositions; whether it would or would not be desirable for the Corporation to be able to go into Committee of the whole Corporation on any matter by a simple notice "that the President do now leave the chair."

"3. The Committee to consist of the following gentlemen:—

"CHAIRMAN—R. M. SAYANI, Esq. President of the Corporation. MEMBERS.—Dr. Blaney, Sir H. Morland, V. N. Mandlik, Esq., the Hon'ble Mr. P. M. Mehta, Colonel Merewether, Major Gerald Martin, A. M. Dharamsi, Esq., N. G. Chandavarkar, Esq., A. M. Gubbay, Esq., R. Gilbert, Esq., and Major Selby*."

This motion was seconded by Cowasjee Hormusjee, Esq., and *carried unanimously*.

In accordance with notice of motion, it was

Proposed by Major Selby—

No. 4577. "That the following letter be addressed to Government:—

"FROM THE PRESIDENT OF THE CORPORATION,
"TO THE SECRETARY TO GOVERNMENT,

GENERAL DEPARTMENT.

"SIR,—The Corporation being very desirous that the office of the President should be rendered as full of dignity as possible, desire me to request that some title, such as 'Honourable,' may be attached to the office. They do not overlook the fact that such a course will probably involve the conferring of a like dignity on the holders of similar positions in Calcutta and Madras. But they think that His Excellency in Council will agree with them that the head of the Government of a great city, whether that city be Bombay or Madras or Calcutta, is not undeserving of the honour they now solicit for their President."

This motion was seconded by Shivji Dhurmaji, Esq.

On a division, the motion was *carried* by 15 votes *against* 6.

In accordance with notice of motion, it was—

Proposed by Major H. O. Selby—

"That, in the opinion of the Corporation, it is desirable

No. 4578. that a chain and badge of office should be provided for the President, and that the Standing Committee are hereby directed, after making such enquiry

*The name of Major Selby was added to the Committee, on the suggestion of Cowasjee Hormusjee, Esq.

as they deem fit, to report to the Corporation what the probable cost will be and how the money is to be obtained."

This motion was seconded by Javerilal Umiashankar Yajnik, Esq., and *carried*.

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BOMBAY, 8*th October* 1888.

AT a Meeting of the Municipal Corporation of Bombay, held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJI JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq; MAJOR GERALD W. MARTIN; COL. G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJI COWASJI MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., BA., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAVUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the monthly meeting held on the 1st instant were signed, and the signing of the adjourned monthly meeting called for the 4th idem was postponed.

Under No. 4 of the Rules, the President, with the consent of the meeting, gave priority to the motion of which notice had been given by Sir Jamsetji Jejeebhoy, regarding the voting of Addresses.

Proposed by Sir Jamsetji Jejeebhoy, seconded by Narayan Ganesh Chandavarkar, Esq.—

No. 4686.

"That a Committee be appointed to prepare Addresses from the Corporation to the Marquis of Lansdowne and the Earl of Dufferin respectively, on the occasion of their Lordships' accession to, and retirement from, the office of Viceroy and Governor-General of India.

"That the Committee consist of the following Councillors :—The President, Mr. Dosabhai Framji, the Hon'ble Mr. Pherozeshah Merwanjee Mehta, Mr. Grattan Geary, Rao Saheb Vishvanath Narayan Mandlik, Colonel Merewether,

*Sir Jamsetji Jejeebhoy and Mr. Narayan G. Chandavarkar."

*Carried.*

Proposed by Colonel Merewether, seconded by Dosabhai Framji, Esq.—

"That letter No. 4381, dated 27th September 1888, from the Municipal Secretary, to the President, reporting the Budget transfers sanctioned by the Standing Committee on the 26th idem, as under, be *recorded*"—

No. 4687.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them, on the 26th instant, Rs. 1,980-14-10, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings, (1) Rs. 430-11-2 in the grant of Rs. 30,577 for the construction of a bungalow and chawl at Chinchpokli, and (2) Rs. 850-3-8, in the allotment of Rs. 69,351, for the construction of ovoid sewer across the old Race Course, to the grant of Rs. 3,500 for the construction of latrines, urinals and nahanis at Chinchpokli Water Works chawl, to meet excess over the grant for the said chawl caused by providing for cost of laying 2" galvanized pipes and for water service thereat ..... | 1,280 | 14 | 10 |
| Transfer from savings in Section I, Superior Staff, Engineer's Budget, to Section II, Office Establishment, A, Correspondence, same Budget, to meet the cost of the following establishment to be employed in the Engineer's Department for 5 months for bringing up to date and putting on a satisfactory footing the records of the office : For 4 months—1 clerk at Rs. 75 per mensem ; 1 do. at Rs. 20 do. ; 2 do. at Rs. 15 each do. ; 2 do. at Rs. 10 do. For 1 month—1 clerk at Rs. 75 per mensem ; 1 do. at Rs. 20 do. ; 1 do. at Rs. 15 do. ; 1 do. at Rs. 10 do ..... | 700 | 0 | 0 |
| Total...Rs. | 1,980 | 14 | 10 |

I have, &c., H. WYNFORD BARROW, Municipal Secretary.

*Carried.*

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for in the Acting Municipal Commissioner's letter No. 10015, dated 8th ultimo, and as recommended by the Standing Committee in their Resolution No. 4371, dated 26th idem, sanction be given to the following arrangements for the construction of house sullage connections in that portion of the Agripada Drainage Section which is already provided with sewers.

* The names of the mover and seconder were added at the suggestion of the President.

"2. That, subject to the sanction of Government to the raising of a Loan of the necessary amount, sanction be given to the making of the said connections at a total cost of Rs. 2,48,642, to the debit of Loan charges.

"3. That, of this amount, Rs. 2,08,574 be debited to Loan charges and Rs. 40,068, to be recovered proportionately from the owners of 212 houses now to be connected which stand in their own compound at a distance from the road, being the difference between the average cost of Rs. 229 per ordinary house, and of Rs. 418 per house standing in its own compound.

"4. That, pending the raising of a Loan, sanction be given to the payment of advances, from Surplus Cash Balance, to be adjusted hereafter to the said Loan."

*Rider*, moved by Thomas Blaney, Esq., seconded by Shivji Dhurmaji, Esq.—

"That the following words be inserted after the word 'charges' in para. 2 : 'and that before any further grants for sewerage are asked for, the Commissioner be requested to submit to the Standing Committee a complete scheme of sewerage showing the order and the districts in which the work is proposed to be taken up.'"

The rider was accepted as part of the motion.

*First amendment*, moved by Thomas Blaney, Esq., seconded by Shivji Dhurmaji, Esq.—

"That para. 3 be struck out."

*Second amendment*, moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Nowrojee B. Suntook, Esq.—

"That para. 4 of the motion, as originally proposed, be omitted."

Both amendments were agreed to, and the original motion, as thus modified, was *carried* as follows:—

"That, as applied for in the Acting Municipal Commissioner's letter No. 10015, dated 8th ultimo, and as recommended by the Standing Committee in their Resolution No. 4371, dated 26th idem, sanction be given to the following arrangements for the construction of house sullage connections in that portion of the Agripada Drainage Section which is already provided with sewers.

No. 4688.

"2. That, subject to the sanction of Government to the raising of a Loan of the necessary amount, sanction be given to the making of the said connections at a total cost

of Rs. 2,48,642, to the debit of Loan charges, and that before any further grants for sewerage are asked for, the Commissioner be requested to submit to the Standing Committee a complete scheme of sewerage showing the order and the districts in which the work is proposed to be taken up."

At 5 o'clock, the Meeting was adjourned, and the President fixed Thursday, 11th instant, at 3 P.M., for the adjourned Meeting.

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BOMBAY, 11*th October* 1888.

AT an adjourned Meeting of the Municipal Corporation of Bombay (originally called for the 8th instant and adjourned from that date), held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned monthly meeting held on the 4th instant, were signed; the signing of the minutes of the meeting called for the 8th idem, was postponed.

Read petition, dated 26th August 1888, from Messrs. Bahadurmull Soorana, Gokuldas K. Parukh, and other inhabitants of Bhuleshwar, objecting to the removal of a portion of the chawl thereat, the property of Mr. Nusserwanji Maneckji Petit, for the purpose of the extension of Bhuleshwar Market and widening of roadway; also the Standing Committee's Resolution thereon, No. 4488, dated 3rd instant, to the effect: "That the Standing Committee beg to recommend that the petitioners be informed by the Corporation that the building referred to is the one, part of which is required for the improvement of Kalbadevi and Bhuleshwar Roads, and that the Acting Municipal Commissioner has already been authorized to apply to Govern-

ment for the acquisition, under the Land Acquisition Act, of the land and building standing thereon, for the widening of roadway thereat."

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4845. "That, in reply to their petition of the 26th August 1888, Messrs. Bahadurmull Soorana, Gokuldas K. Parukh and others be informed that the building referred to is the one, part of which is required for the improvement of Kalbadevi and Bhuleshwar Roads, and that the Acting Municipal Commissioner has already been authorized to apply to Government for the acquisition, under the Land Acquisition Act, of the land and building standing thereon, for the widening of roadway thereat."

*Carried.*

Read the following:—

No. 199 OF 1888.

LEGISLATIVE DEPARTMENT, *Poona, 27th September* 1888.

TO THE PRESIDENT,

Municipal Corporation, Bombay.

SIR,—With reference to letter No. 3817, dated the 11th August 1888, from the Chairman, Municipal Corporation, Bombay, I am directed to state that the Government of India has requested this Government to inform you that the Governor-General has not found anything in the resolution and papers forwarded with that gentleman's letter No. 3816, dated the 11th August 1888, to induce him to withhold his assent to the Bill to consolidate and amend the law relating to the Municipal Government of the City of Bombay.—I have, &c.,

J. J. HEATON, Acting Under-Secretary to Government.

Proposed by Major H. O. Selby, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 4846. "That letter No. 199, Legislative Department, dated 27th September 1888, be *recorded*."

*Carried.*

In accordance with notice of motion, it was—

Proposed by Surgeon-Major G. Waters—

No. 4847. "That, as recommended by the Standing Committee, sanction be given to the payment for the cement referred to in the Committee's Resolution No. 4310, dated 19th ultimo (at Rs. 8-11-0 per cask of 3½ cwt.), by advances from available balances, to the debit of drainage stock, to be adjusted, from time to time, from

loan allotments, or Budget grants, or sale proceeds, as the case may be."

This motion was seconded by Javerilal Umiashankar Yajnik, Esq., and

*Carried.*

In accordance with notice of motion, it was—

Proposed by Surgeon-Major G. Waters—

No. 4848. "That the Standing Committee be authorized to sanction advances, up to the 31st March next, from available balances, from time to time, to meet the cost of supplies, or labour for sanctioned Budget, or Loan works, or sale proceeds of supplies, to be afterwards adjusted against the grants for such Budget, or Loan works, or sale proceeds."

This motion was seconded by Raghunath Narayan Khote, Esq., and

*Carried.*

In accordance with notice of motion, it was—

Proposed by Major Gerald Martin—

No. 4849. "That, as Sir Henry Morland has resigned the Chairmanship of the Committee appointed by the Corporation, on the 30th January last, on the question of the Fire Brigade, Major H. O. Selby be now appointed in Sir Henry's stead as such Chairman."

This motion was seconded by Thomas Blaney, Esq., and *Carried.*

This concluded the business of the meeting.

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BOMBAY, 25*th October* 1888.

AT a Meeting of the Municipal Corporation of Bombay, held this day, there were present:—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; REGINALD GILBERT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDAS, Esq.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHAMMED FUTEHALLY, Esq.; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E., RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWANDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

On the question of the signing of the Minutes, the President read the following:—

BOMBAY, 13*th October* 1888.

TO THE PRESIDENT OF THE CORPORATION.

SIR,—As one of the many errors in the reports of the Proceedings of the last Meeting of the Corporation affects the records, will you ask the Corporation to allow the correction to appear on its Proceedings?

I did *not* say that the Minutes of the meetings of the Committee of the whole house were wrong. They are, I believe, quite right. What I did say was that by accident the Minutes of the wrong Meeting had been read.

It is an interesting coincidence, that the report of a meeting of the Corporation at which much was said about the value of reporters, even at *Committee* meetings, should be so full of errors as to be of no practical value.—I am, &c.,

H. O. SELBY.

The President ruled that this communication was out of order, as it referred not to the official record of last meeting, but to something which had appeared elsewhere.

The Minutes were then signed.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5034. "That letter to the Municipal Secretary, dated 29th September 1888, from Mr. J. P. Cornforth, resigning his seat on the Corporation from that date, be *recorded*."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Dr. Rastamji Nasarwanji Khory—

No. 5035. "That letter No. 4851, dated 16th October 1888, from theMunicipal Secretary, to the President, reporting Budget transfer sanctioned by the Standing Committee, on the 3rd idem, as under, be *recorded*:—

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfer sanctioned by them on the 3rd instant, Rs. 330, as shown below:—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section II, Labour, B, Drain and Gully Cleaning, Conservancy Branch, Health Department Budget, to Section IV, Repairs (scavengering and drain-cleaning carts), same head, same Budget, to meet the cost of repairs to 3 drain carts and 10 dust-bin carts at Rs. 2-8-0 and Rs. 2 per cart per month, respectively, during the current year ... ... ... ... ... ... ... | 330 | 0 | 0 |
| Rs. | 330 | 0 | 0" |

I have, &c., H. WYNFORD BARROW, Municipal Secretary.

*Carried.*

Considered the following :—

No. 3273 of 1888-89. BOMBAY, 23*rd July* 1888.

TO THE SECRETARY TO GOVERNMENT,

RAILWAY DEPARTMENT.

SIR,—By desire of the Municipal Corporation, I have the honour to forward herewith a copy of a précis regarding the construction of overbridges on the line of the Bombay, Baroda and Central India Railway in this city. The Corporation are of opinion that the building of the overbridge for Falkland Road should be undertaken at once, in accordance with the terms of para. 9 of letter No. 1495, dated 30th June 1864, from the Secretary to Government, Railway Department, to the Clerk to the Municipal Commissioners.

2. The Corporation request that the plans of the overbridge may be sent to them for approval.

3. Regarding the Great Indian Peninsula Railway, the Corporation beg to state that, so far as they can legally do so, they will object to that Company's laying any fresh *additional* lines across any public thoroughfare unless the said Company engages to provide such overbridges as may be necessary whenever called upon to do so.

4. I am also directed by the Corporation to request that Government will be pleased to address all correspondence on the subject of overbridges to me direct.—I have, &c., RAHIMTULA MOHAMED SAYANI, Chairman, Municipal Corporation.

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No. 2137 OF 1888. PUBLIC WORKS DEPARTMENT (RY.),

BOMBAY CASTLE, 12*th October* 1888.

TO THE PRESIDENT, BOMBAY MUNICIPAL CORPORATION.

SIR,—In reply to your letter No. 3273, dated 23rd July 1888, I am directed to forward, for the consideration of the Municipal Corporation of Bombay, a plan of a proposed overbridge to the Railway at Falkland Road, and to state that, should it meet with approval, the Bombay, Baroda and Central India Railway Company will be called on to prepare the necessary designs and estimates as a preliminary to the work being sanctioned.

The bridge, as proposed, will be 42 feet wide over all, with 5 or 6 feet footpath, as the Corporation may decide, and with a low level road 20 feet wide on either side. This bridge is not so wide as suggested by the Municipal Commissioner, but it is believed that it will fully meet the requirement of the traffic, and the Government has been advised that it is impracticable to construct a wider one on account of the limited space available, and the very large expenditure it would entail to take up the additional land, involving the demolition of several important and costly buildings.—I have, &c.,

HOWARD W. WARDEN,

Under Secretary to Government.

Proposed by Colonel Merewether, seconded by Khan Bahadur Muncherji Cowasji Murzban—

"That letter No. 2137, Public Works Department (Railway), dated 12th October 1888, relative to the proposed overbridge across the B. B. & C. I. Railway line at Falkland Road, be referred to the Acting Municipal Commissioner and the Standing Committee for favour of remarks."

No. 5036.

*Carried.*

Read letter No. 12027, dated 12th October 1888, to the President, as follows :—

SIR,—In accordance with Section 327 (1) of the Municipal Act, I have the honour to propose for the sanction of the Corporation, under Clause (*a*), the names of certain streets as shown in the accompanying list.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That as proposed by the Acting Municipal Commissioner, in his letter No. 12027, dated 12th October 1888, sanction be given under Section 327 (1) clause (a) of the Municipal Act III. of 1888, to the naming as under, of the following roads :—

No. 5037.

| | |
|---|---|
| 1. The road running from the Band Stand east of the Cooperage to Wodehouse Road. | Cooperage Road. |
| 2. The road around the Band Stand | Band Circle. |
| 3. The road running south of the Marine Battalion Mess Rooms, joining Wellington Road (Marine Lines) with Queen's Road. | Carnegy Road. |
| 4. The road on the north of the above, joining Wellington Road with Queen's Road. | Willoughby Road. |
| 5. The road running north of the Telegraph Signallers' quarters from Waudby Road to Hornby Road. | Outram Road. |
| 6. The road running north of the Alexandra Girls' School from Esplanade Road. | Napier Road. |
| 7. The Road running on the east of Mr. Muncherji Cowasjee Murzban's Bungalow. | Prescott Road. |
| 8. The road running north of the Cathedral Choir School from Esplanade Road. | Connon Road. |
| 9. The road running on the west of Mr. Muncherji C. Murzban's Bungalow. | Murzban Road. |

| | |
|---|---|
| 10. The road between Church Gate Station and Wodehouse Bridge. | Queen's Road: as this is merely a continuation of what is now known as Queen's Road. |

*First Amendment*, moved by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major Waters :—

That the word "Muncherjee" be inserted before the word "Murzban," and that the word "Nowrozjee Furdoonjee Road" be inserted in place of "Cooperage Road."

*Second Amendment*, moved by Kaikhusro Nowroji Kabraji, Esq., seconded by Nowroji Beiramji Suntook, Esq.:—

That the words "Nowrozjee Furdoonjee Band Circle" be inserted in place of "Band Circle."

*Third Amendment*, moved by Kavasji Meherwanji Shroff, Esq., seconded by Dr. Rustomji Nusserwanji Khory :—

That No. 6 on the list of roads be called "Murzban Road," and No. 9 called "Napier Road."

With the permission of the Chairman and the consent of the Meeting, the movers of the First and Second Amendments withdrew the same.

On a division there was only 1 vote for Mr. Kavasji Meherwanji Shroff's amendment, which was *Lost*.

The original motion was then *carried nem. con.*

No. 5038. On the motion of Kavasji Meherwanji Shroff, Esq., seconded by Nowroji Beiramji Suntook, Esq., it was agreed that the consideration of the Administration Report of the Acting Municipal Commissioner for the year 1887-88, together with the "Review" thereof be postponed.

Considered again the question of the lighting of the Wellington Fountain.*

Proposed by Colonel Merewether, seconded by Edwin R. Freeborn, Esq.—

No. 5039. "That, as recommended by the late Town Council on the 14th December last, sanction be given to the expenditure of Rs. 3,240, to meet the cost of new lamps for lighting Wellington Fountain, to the debit of Surplus Cash Balance."

*Carried nem. con.*

Read letter to the Corporation, dated 29th September 1888, from Mr. N. H. Gheesta, asking favourable consideration for correspondence relating to the severance of water

* *See* Proceedings of the Corporation 25th April 1888.

connection from his house at Nos. 180-190, Parel Road, Byculla. He alleges that the five shops on the ground-floor of the house are left vacant on account of the cutting off, and that he has been put to the loss of Rs. 75 per month in consequence.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5040. "That the consideration of Mr. Gheesta's complaint regarding the severance of water connection from his house at Parel Road, Byculla, be postponed, pending the receipt of the opinion of the Solicitors to the Corporation, asked for by the Standing Committee, in their resolution No. 4971, dated 17th October 1888."

*Carried.*

Read further petition, dated 12th October 1888, from Mr. Bapuji Wasudevji, relative to the valuation of his property at Nos. 62-64, Kitchen Garden Street.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

No. 5041. "That in reply to his letter, dated 12th October 1888, Mr. Bapuji Wasudevji be referred to the Resolution of the Corporation No. 3525, passed on 30th July 1888, to the effect that the matter in question is one which is entirely within the province of the Municipal Commissioner."

*Carried.*

In accordance with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

"That, as recommended by the Standing Committee, sanction be given to the expenditure of Rs. 500, from surplus cash balance, to provide for cost of postage of letters *re* severance of water connections, under Section 279 of the City of Bombay Municipal Act III. of 1888, and of printing charges in the matter."

This motion was seconded by Colonel Merewether.

No. 5042. After discussion, it was agreed, that the consideration of the question be postponed to the 1st proximo.

In accordance with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

No. 5043. "That, as recommended by the Standing Committee, sanction be given to the payment of Rs. 2,247-4-0, from the balance available from

the sum of Rs. 11,82,000, for which the Corporation have sanctioned the raising of a loan, to meet excess over the grant provided for the purchase of land near the junction of DeLisle and Carroll Roads, for a night-soil depôt."

This motion was seconded by Cowasjee Hormusjee, Esq.

With the consent of the Meeting, the following was read:—

BOMBAY, *October* 1888.

TO THE CHAIRMAN AND OTHER MEMBERS OF THE TOWN COUNCIL, BOMBAY.

GENTLEMEN,—We have the honour to place before your Board the annexed petition in the matter of the Night-soil Depôt, which the Municipal authorities think fit to locate at the junction of the DeLisle and Carroll Roads, Parel.

This step, we beg to state, would seriously affect our interests as large property-holders in that locality, and is likely to be most prejudicial to the health of the thick and growing population on the extensive properties that we along with others, own there.

We therefore sincerely trust that a matter of such vital importance, as set forth in our petition, will meet with that favourable consideration which it deserves at the hands of the constituted guardians of public health as your good selves.—We remain, &c.,

DINSHAW MANOCKJEE PETIT.

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BOMBAY, 10*th October* 1888.

TO THE CHAIRMAN AND OTHER MEMBERS OF THE TOWN COUNCIL, BOMBAY.

GENTLEMEN,—It is with great concern that we have come to learn that it is proposed by the Municipality to locate a Night-soil Depôt at the junction of the DeLisle and Carroll Roads, Parel, the site for which has, we understand, been already fixed upon.

We beg to inform you that we own extensive properties in and about the place in question, the occupants whereof number several thousands. New chawls and other buildings are now in actual course of construction, and others again will soon be erected, so that the place in question will shortly become one of the most populous parts of the city.

This being so, we beg, most respectfully to protest against the selection of the site of the depôt, and request that some other and more suitable site may be fixed upon. Nor is there, we may point out, any lack of land about the locality, where a depôt of the kind can be more conveniently created. The Mahim Woods and the Worlee Flats are situated within a distance of less than half a mile from the place selected, and we venture to say that it will not be seriously disputed that a night-soil depôt there will not be open to the same objections as one on the proposed site would undoubtedly be.

It is not for us to point out to the constituted guardians of public health, how objectionable a night-soil depôt, situate in the midst of a thickly inhabited place, must necessarily be. But we feel constrained to state that whatever view of the sanitary aspect of the matter may

be taken by you, we must in protection of the natural rights of our properties adopt, if the present project is persisted in, all such legal and other measures as may be open to us to prevent a serious nuisance being created in the midst of our properties, and our properties being thereby depreciated as well in letting as in selling values.—We have, &c., DINSHAW MANOCKJEE PETIT; SASSOON J. DAVID & Co., Agents, David Mills Co., Ld.; BRAZ FERNANDEZ; મકુદ અર્જુનજી ધુસા; P. SHRICRESHNAJEE; પારશી હોરમજી હોરમજી ખરાસ and S. A. DUIGAN.

The motion was *carried.*

In accordance with notice of motion, it was

Proposed by Dosabhai Framji, Esq.—

No. 5044. "That, as recommended by the Standing Committee, sanction be given, under Sections 355 and 479 (2) of the Municipal Act III of 1888, to the charging of fee for license to surveyors at Rs. 75 each per annum, and to plumbers at Rs. 10 each per annum."

This motion was seconded by Cowasjee Hormusjee, Esq. and—

*Carried.*

In accordance with notice of motion, it was

Proposed by Cowasjee Hormusjee, Esq.—

No. 5045. "That, as recommended by the Standing Committee, sanction be given to an arrangement with Mr. Dorabji Jamsetji Tata, by which in exchange for the piece of Municipal ground shown in yellow colour on the tracing* marked A, dated 17th instant, and now forming part of the Kala Chowki Road, admeasuring 862·79 square yards, or thereabout, Mr. Dorabji Jamsetji Tata gives up to the Municipality plots of land shown on the tracing and coloured as under :—Pink, admeasuring 845·02 square yards, or thereabout, and blue, admeasuring 17·77 square yards, or thereabout, situate on the said road, the land so transferred to the Municipality and coloured pink being required for the improvement line of Kala Chowki Road, and the ground shown in blue being required for the construction of cattle trough."

This motion was seconded by Javerilal Umiashankar Yajnik, Esq., and—

*Carried.*

Read letter to the President, No. 1847, Educational Department, dated 15th October 1888, as follows :—

SIR,—I am directed to acknowledge the receipt of your letter No. 4481, dated the 2nd of October, and to inform you that Govern-

* Filed in supplement to Minute Books marked A.

ment readily accept the proposals suggested, and will await your further communication.

2. In the meantime His Excellency the Governor in Council has been pleased under Section 39 (1) of the Act to appoint the following four members on the part of Government as members of the Joint Schools Committee, *viz.*:—

1. GRATTAN GEARY, Esq.
2. NOWROSJEE NASARWANJEE WADIA, Esq.
3. GHANESHAM NILKANTH NADKARNI, Esq., LL. B.
4. RAO SAHEB VIRAJRAE SANTOKRAE DESAI, B.A., Deputy Educational Inspector, Bombay.

I have, &c., W. LEE-WARNER, Secretary to Government.

In accordance with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

No. 5046. "That letter No. 1847, Educational Department, dated 15th October 1888, from Mr. Secretary Lee-Warner, communicating the appointment of 4 members of the Joint Schools' Committee, and stating that Government readily accept the proposals suggested in the Corporation's letter No. 4481 of 1888-89, be *recorded*. That the Committee be recommended to draw up code of draft By-Laws for the approval of the Corporation, and to prepare a scale of Establishment and estimate of Income and Expenditure for next year."

This motion was seconded by Kavasji Mehervanji Shroff, Esq., and—

*Carried.*

In accordance with notice of motion, it was—

Proposed by Kaikhusro Nowroji Kabraji, Esq.—

No. 5047. "That the President be requested to place before the Corporation for adoption the draft Address to His Excellency the Viceroy of India, as prepared by the Committee appointed by the Corporation on the 8th instant."

This motion was seconded by Lieut.-Col. Portman, and—

*Carried nem. con.*

The consideration of two other notices of motion given by Mr. Kaikhusro Nowroji Kabraji, was postponed.

The President placed before the Meeting the following:—

GENERAL DEPARTMENT.

No. 3713 OF 1888. BOMBAY CASTLE, 19*th October* 1888.

FROM J. DE C. ATKINS, ESQ., C.S.,
Under-Secretary to Government,

TO THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI,
President of the Municipal Corporation of Bombay.

SIR,—In reply to your letter No. 4608, dated 8th instant, I am directed by His Excellency the Governor-in-Council to inform you

that His Excellency-in-Council, whilst desiring to recognize and to maintain in every reasonable way the dignity of the office of President of the Municipal Corporation of Bombay, is of opinion that that dignity is sufficiently expressed in the official designation of the gentleman who holds that office, and that the addition of any further honorific title is undesirable.—I have, &c., J. DE C. ATKINS, Under-Secretary to Government.

Proposed by Dosabhai Framji, Esq., seconded by Lieutenant-Colonel Portman—

No. 5048. "That letter No. 3713, General Department, dated 19th October 1888, from Mr. Under-Secretary Atkins, be *recorded.*"

*Carried.*

At 5 o'clock the Meeting was adjourned, and the President fixed Thursday, the 1st proximo, at 3 p. m., for the adjourned Meeting.

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BOMBAY, 1*st November* 1888.

AT an adjourned Meeting of the Municipal Corporation of Bombay (originally called for 25th ultimo, and adjourned from that day), held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR TAPIDAS, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDAS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDASS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 25th ultimo, were signed.

Proposed by Thomas Blaney, Esq., seconded by Shivji Dhurmaji, Esq.—

No. 5115. "That the Administration Report of the Acting Municipal Commissioner of Bombay for the year 1887-88, together with the "Review" thereof by the Standing Committee, and the Report of the Auditors to the Corporation for the same period, be *recorded.*"

*Carried unanimously.*

In accordance with notice of motion, it was—

Proposed by Rosabhai Framji, Esq.—

"That, as recommended by the Standing Committee, sanction be given to the expenditure of Rs. 500, from Surplus Cash Balance, to provide for cost of postage of letters *re* severance of water connections, under Section 279 of the City of Bombay Municipal Act III. of 1888, and of printing charges in the matter; the amount to be paid, as advances from time to time as may be required."

No. 5116.

The motion was seconded by Naoroji Beiramji Suntook, Esq.

On a division, the motion was *carried*, there being only one vote *against* it.

In accordance with notice of motion, it was—

Proposed by Kaikhusro Nowroji Kabraji, Esq.—

"That Mr. F. W. Stevens, the Architect of the Municipal Office, be requested to provide in his plans and design sufficient arrangements for lighting the Corporation Hall with the view to allow of meetings of the Corporation being* held in the evening *if the Corporation hereafter consider it desirable to hold their meetings in the evening."

The motion was seconded by Narayen Ganesh Chandavarkar, Esq.

At 5 o'clock it was proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., and agreed to that the meeting do now adjourn.

The President adjourned the proceedings till Monday, 3rd December, at 3 o'clock P.M.

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BOMBAY, 12*th November* 1888.

AT the meeting of the Municipal Corporation of Bombay, held this day, there were present:

THE HON'BLE MR. RAHIMTULA MAHOMED SAYANI, M.A., LL.B., *President*. ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NAROTUMDASS, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSETJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq; JEHANGIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSONDAS VALLABDAS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR

*These words were, with the permission of the President and the consent of the meeting, now added to the motion.

GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJEE CAWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq. B.A., LLB.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; VANDRAWANDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

On the question of the signing of the minutes of the 1st instant, the Acting Municipal Commissioner pointed out that, by a mistake in the Executive Engineer's Office, there were two errors in the boundaries of the roads referred to in Corporation's Resolution No. 5037 of the 25th October last, the word "north" being inserted instead of "south" in roads Nos. 5 and 6.

It was agreed that the word "south" be inserted in place of the word "north" accordingly.

The minutes, as thus amended, were signed.

The President read the following draft address to His Excellency the Viceroy on the occasion of his retirement from office :—

"TO THE MOST HONOURABLE

THE MARQUIS OF DUFFERIN,

EARL OF AVA, K.P., G.C.B., G.C.M.G., P.C.F.R.S., D.C.L.

"MAY IT PLEASE YOUR LORDSHIP,—We, the President and Members of the Municipal Corporation in Bombay, bid you farewell, after four years of public service in the exalted position of Viceroy and Governor-General of India. When you first came amongst us in 1884, your Excellency was already distinguished by the brilliant career in which you had served her Majesty with eminent ability and success in Canada, in Russia, at Constantinople, and in Egypt. You now proceed—honoured by the continued confidence of the Queen-Empress—to Rome, where you will find the traces of an Empire which, in its greatest glory, did not contain within its utmost limits populations even one-half as numerous as those who find peace and protection under our benign Sovereign.

2. When welcoming you to India on your arrival, this Corporation ventured to hope that your Lordship would find time, amidst the incessant cares of Government, to visit, as occasion arose, the different provinces of India, so as to become personally acquainted with the people and their needs. This hope has been realised. Your Lordship has visited every part of the country, and taken an active interest in the promotion of great works which contribute to the prosperity of all classes. The completion of the Indian Midland Railway and the Nagpur-Bengal Line, abridging the distance between Calcutta and Bombay, wroks which were begun under your government, will open up to commerce a vast area of fertile territory, and afford additional guarantees against the worst effects of famine.

3. Another subject of no less importance was alluded to when your Lordship landed here. The defences of Bombay have been strengthened, and though much still remains to be done, the City is beginning to enjoy a sense of security which was not felt when we ventured to call your Lordship's attention to the utterly defenceless condition of this harbour. The works which have been undertaken and are now in progress, are a part of the scheme of Imperial Defence to which your Lordship has devoted so much vigilance and energy. The frontier has been rendered well nigh impregnable, and the important lines of communication which were begun by your illustrious Predecessor, the Marquis of Ripon, have been nearly completed. In this connection we would venture to express our warm acknowledgments for the great service rendered during the period of anxiety, when complications were threatened on the Afghan Frontier. Your Lordship's statesmanship and experience conjured the dangers of that different situation without the cost or the bloodshed of wars.

4. Under your administration, Municipal institutions have attained a free scope. It will, we are sure, give pleasure to your Lordship to know that, under the free Municipal constitution bestowed on Bombay, this City has progressed in population, in contentment and prosperity.

5. We cannot conclude without taking this occasion to express the fervent gratitude of all classes of her Majesty's subjects in India, for the great and abiding good accomplished by the Marchioness of Dufferin, in establishing on a durable basis an organization for supplying the women of India with medical aid. The goodness of heart which prompted your devoted consort to undertake this arduous and noble work, suggested by her Most Gracious Majesty, was not more conspicuous than the talent, energy, and business capacity displayed with such satisfactory and gratifying results in the service of the women of India. The name of the Marchioness of Dufferin will be remembered in the households of India in the years yet to come. In saying farewell to your Lordship, we beg to associate the Marchioness of Dufferin in our heartiest good wishes for your happiness in the Western Lands to which you now return."

Proposed by Grattan Geary, Esq., seconded by Mahomed Hussein Hakim, Esq.—

"That the draft address to the Marquis of Dufferin now agreed to, be *approved*."

No. 5243.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Surgeon-Major Waters—

"That, as recommended by the Standing Committee, sanction be given to the outlay of Rs. 1,500, from Surplus Cash Balance, to meet the cost of engrossing the Addresses from the Corporation to the Marquesses of Lansdowne and Dufferin and of the cost of cases to contain the same."

No. 5244.

Mr. Gilbert raised the point of orders that it is not competent to the Corporation to expend Municipal money on the purchase of silver cases.

The President ruled that, under Section 63 of the Municipal Act, it is competent to the Corporation to incur such outlay.

*Carried.*

*Amendment*, moved by Reginald Gilbert, Esq., seconded by Nowrojee Beiramjee Suntook, Esq.—

"That sanction be given to the grant of Rs. 600 to provide for the cost of illuminating and enclosing Addresses to the Marquesses of Dufferin and Lansdowne."

It was decided that the Reporters be asked not to report the discussion of this question.

On a division, the *amendment* was *lost*, the votes being 5 *for* and 15 *against*.

The original motion was *carried* by 20 votes *against* 1.

With the consent of the majority of the meeting, the President gave priority to notice of motion given by Mr. Dosabhai Framji, regarding grant for the relief of immigrants.

Proposed by Dosabhai Framji, Esq., seconded by Vundrawandas Purshotumdas, Esq.—

No. 5245. "That, as recommended by the Standing Committee, sanction be given to the grant of Rs. 2,500 from Surplus Cash Balance to be expended as may be found necessary if a relief camp is established for the persons coming into Bombay from districts where there is scarcity."

A notice of motion given by Dr. Khory, regarding this subject, was with the permission of the President and the consent of the majority of the meeting, *withdrawn*.

The original motion was *carried unanimously*.

With reference to a notice of motion, given by Mr. Kaikhusro N. Kabraji, asking that a motion of his, the consideration of which stands adjourned till 3rd December, might be transferred to the agenda paper of this day meeting.

The President ruled that the motion was out of order, but said he would call a meeting for its consideration on Thursday, the 22nd instant.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5246. "That letter No. 5117, dated 2nd instant, from the Municipal Secretary to the Presidnet, reporting the Budget transfers sanctioned by the Standing Committee, up to 31st ultimo, as under, be *recorded* :—

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act, III of 1888, the

Standing Committee of the Municipal Corporation beg to report the Budget transfers, sanctioned by them up to the 31st October 1888, Rs. 10,055-4-9 as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section III, Fees of Members of the Standing Committee, Town Council and Corporation Establishment Budget, to Section V, Contingencies, same Budget, to meet the cost of twelve additional chairs for the accommodation of members of the Corporation ... | 156 | 0 | 0 |
| Transfer to the grant for printing, Section V, Town Council (now Standing Committee) and Corporation Establishment Budget, from savings in Section III of the same Budget, Fees of Members of the Standing Committee, to meet the cost of printing synopsis prepared by the Municipal Secretary, of the new Municipal Act III of 1888 ... | 500 | 0 | 0 |
| Transfer from savings in Section II, Labour, B, Drain Cleaning, Conservancy Branch, Health Department Budget, to Section X, Halalkhor Branch, E, Repairs, same head, same Budget, to meet the cost of laying cast-iron suction pipe at the salt water tank, Carnac Bandar Night-soil Depôt ... ... ... ... ... ... | 187 | 8 | 0 |
| Transfer from savings in Section I, Establishment, Fire Brigade Budget, to Section XI, Pension Contribution payable to Government, same Budget, to meet excesses in the said grant for pension contribution, till the end of the current financial year ... ... ... ... ... ... ... | 1,815 | 0 | 0 |
| Transfer from savings in Conservancy Branch, Section X, Halalkhor Branch, B, Labour, Health Department Budget, to Section IV, repairs, same head, same Budget, to meet the cost of repairing the usual openings in roads for drain cleaning ... ... ... ... ... ... | 6,296 | 12 | 9 |
| Transfer from savings in Section II, Office Establishment, Assessment and Collection Department Budget, to Section I, Salary of Assessor and Collector, same Budget, to provide for payment of deputation allowance to Mr. Virprasad Tapiprasad for acting for the Assessor and Collector during the absence of the last-named officer on privilege leave for 18 days from 14th October 1888 ... | 96 | 0 | 0 |
| Transfer from savings in Section I, Establishment, Fire Brigade Budget, to Section VIII, purchase of horses, same Budget, to meet excess in the grant for cost of horses for the Brigade ... ... ... ... ... ... ... | 200 | 0 | 0 |
| Transfer from savings in Section I, Superintendence and Inspection, Conservancy Branch, to Section II, Labour, A, scavengering (men for cutchra burning experiments), to meet the excess in the grant owing to the full establishment being employed up to the end of the current year ... ... ... ... ... ... ... | 304 | 0 | 0 |
| Transfer from savings in Section I, Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section IV, repairs, same head, same Budget, to meet the cost of repairs to the yard of the Bori Bandar Stable ... ... ... ... ... ... | 500 | 0 | 0 |
| Total ... Rs. | 10,055 | 4 | 9 |

I have, &c., H. WYNFORD BARROW, Municipal Secretary."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Hormusji Dadabhoy, Esq.—

No. 5247. "That, as recommended by the Standing Committee, sanction be given to the expenditure of Rs. 1,521, to meet the cost of the following proposed works in connection with the Carnac Bandar Night-soil Depôt :—

1. Masonry ventilating shaft, Rs. 309-8 ; 2. Gas pipes and jets, Rs. 20 ; 3. Raising walls between the Infantry Lines and the Night-soil Depôt, Rs. 918-4 ; 4. Planting trees, Rs. 135—Rs. 1,382-12. *Add* 10 per cent., Rs. 138-4 : Total Rs. 1,521.

"The cost to be debited to the allotment of one lakh for New Works for the current year."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That, with the view of providing the land which will be necessary in future for the overbridges thereat, the following arrangements under the terms of Section 289 (2) of the city of Bombay Municipal Act III of 1888, be *approved and sanctioned* :—

"To the laying down of the lines of the following streets, and to the widening thereof, namely, the DeLisle Road, the Currey Road, and the Fergusson Road to the extent shown on the tracing marked A, dated 4th October 1888, accompanying the Acting Municipal Commissioner's letter No. 10013 of the 8th September last.

"To the sanctioning of the taking up of the land and buildings shown on the plan required for such widening at a cost of Rs. 1,02,750, to the debit of loan charges.

"To the sanctioning also of the taking up, if necessary, under the Land Acquisition Act, of such land and buildings.

"To these arrangements being sanctioned without prejudice to the right of the Corporation to recover the whole or part of the outlay in question from the two Railway Companies, or from Government or from both, as the case may be."

*First Amendment*, moved by Thomas Blaney, Esq., seconded by Eknath Raghunath Khote, Esq.—

"That the Standing Committee and the Acting Municipal Commissioner be requested to consider and report on the question of the system on which road extension should be carried out.

"That in the meantime the proposed widening of DeLisle, Currey, and Fergusson Roads be deferred."

*Second amendment*, moved by Kaikhusro Nowroji Kabraji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the consideration of the proposed widening of DeLisle, Currey and Fergusson Roads be postponed until the report of the Committee appointed on the motion of Sir Henry Morland is received.

"That that Committee be asked to expedite their report,"

With the permission of the President and the consent of the meeting, the first amendment was *withdrawn*.

At 5 o'clock it was *resolved* on the motion of Major Martin, seconded by Reginald Gilbert, Esq., that this meeting do now adjourn.

The President fixed Thursday, the 15th instant, at 3 P.M., for the holding of the adjourned meeting.

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BOMBAY, 15*th November* 1888.

AT the adjourned Meeting of the Municipal Corporation of Bombay (originally called for 12th instant, and adjourned from that day) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.

BHAISHANKAR NANABHAI, Esq.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; R. GILBERT, Esq; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAHANGHIR BYRAMJEE MURZBAN, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAVANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZESHA MERWANJEE MEHTA; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVJI DHURMAJI, Esq.; VANDRAWANDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner, and the MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 12th instant, was postponed.

Considered again the following motion and amendment thereon moved, on the 12th instant:—

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That, with the view of providing the land which will be necessary in future for the overbridges thereat, the following arrangements under the terms of Section 289

(2) of the City of Bombay Municipal Act III. of 1888 be *approved and sanctioned* :—

"To the laying down of the lines of the following streets, and to the widening thereof, namely, the DeLisle Road, the Currey Road and the Fergusson Road, to the extent shown on the tracing marked A, dated 4th October 1888, accompanying the Acting Municipal Commissioner's letter No. 10013 of 8th September last.

"To the taking up of the land and buildings shown on the plan required for such widening, at a cost of Rs.1,02,750, to the debit of loan charges.

"To the taking up, if necessary, under the Land Acquisition Act, of such land and buildings.

"To these arrangements being made without prejudice to the right of the Corporation to recover the whole or part of the outlay in question from the two Railway Companies, or from Government, or from both as the case may be."

*Amendment* moved by Kaikhusro Nowroji Kabraji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the consideration of the proposed widening of DeLisle, Currey and Fergusson Roads be postponed until the report of the Committee appointed on the motion of Sir Henry Morland is received.

"That the Committee be asked to expedite their report."

At the suggestion of the Hon'ble Mr. Pherozesha Merwanji Mehta, the mover of the amendment, with the permission of the President and the consent of the meeting, modified his proposal which was put to the vote as follows:—

"That the matter set forth in the report of the Works Committee, dated 22nd October last, together with similar questions relating to all other overbridges in the city, be referred for report, to the Committee appointed by the Corporation on the 12th July last.

"That the consideration of the proposed widening of DeLisle, Currey and Fergusson Roads be postponed.

"That the Committee of the Corporation be asked to expedite their report."

*Second amendment*, now moved by Kavasji Meherwanji Shroff, Esq., seconded by Bomonji Pestonji Master, Esq.—

"That the President be requested to send a communication to Government for the purpose of ascertaining the liability of the parties to construct overbridges."

On a division, the votes were *recorded* as under :—

| | *For.* | *Against.* | |
|---|---|---|---|
| Second Amendment ..... | 11 | 17 | *Lost.* |
| First do. ..... | 17 | 13 | |

The *first Amendment* was *carried* as the substantive proposition by 18 votes.

At 5 o'clock the meeting was adjourned and the President fixed Monday, the 19th instant, at 3 P.M., for the adjourned meeting.

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BOMBAY, 19*th November* 1888.

AT an adjourned Meeting of the Municipal Corporation of Bombay (originally called for the 12th instant, and adjourned from the 15th idem), held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SAYANI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN, KHOTE, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VAELABHDAS, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGALDAS NUTHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

A letter was received from Mr. Dosabhai Framji, C.S.I., expressing regret at being unable to attend the meeting on account of the recent death of his father.

The minutes of the meetings held on the 12th and 15th instant, were signed.

The President, with the consent of the meeting, gave priority to item No. 5 on the agenda paper relating to the cost of some cisterns.

Proposed by Cowasjee Hormusjee, Esq., seconded by Hormasjee Dadabhoy, Esq.—

No. 5292.

"That, as recommended by the Standing Committee, sanction be given to the payment of Rs. 1,900, from Surplus Cash Balance, to meet the value of 144 cisterns taken into drainage stock from the Municipal Workshops. The cisterns to be issued at Rs. 14 each, as

occasion requires, and the amount to be adjusted by sale, or by debit to works on which they may be used."

*Carried.*

Read the following:—

SETT LODGE, NOWROJEE HILL,
*8th November* 1888.

H. W. BARROW, Esq., Secretary, Municipal Corporation.

SIR,—I have the honour to request you will be so good as to lay before the President and the Members of the Corporation the accompanying papers, relating to the proposed road through Nowrojee Hill at the meeting to be held on the 12th instant.

I beg to add that the above papers have been circulated by me to all the Members.—I have, &c., JALBHOY ARDASEER SETT.

The accompaniments to this letter, as under, were taken as read :—

*4th April* 1888.

F. L. CHARLES, Esq., Acting Municipal Commissioner,
Bombay.

SIR,—With reference to my letter, dated 8th March last, I have the honour to inform you that, when I agreed to allow the Municipality to make a road 60 feet wide through my property at Nowrojee Hill for Rs. 90,000, it was on the distinct understanding that the frontages on both sides of the road should be given to me. But since the other day the Corporation has asked for fresh estimates also for the frontages, and should it be so decided that the Municipality should have them, then I beg to give you timely notice that I retract all my previous concessions, which I was, for the sake of public improvement, prepared to make to the Municipality, and that (I) I shall charge the full value, *viz.*, Rs. 67 per square yard for my ground in place of Rs. 19 which I would have accepted if the frontages were given to me. To show you that my demand for Rs. 67 per square yard is not extravagant, I beg to refer you to page 218 of the Municipal Administration Report for the year 1885-86, where for a piece of ground measuring (66 ft. × 51½ ft.) 378 square yards, with some loose materials for building, not worth much, the Municipality has given to my next door neighbour Rs. 25,500, or roughly counting, Rs. 67 per square yard. (II) I shall not contribute half the cost of the construction of the proposed carriage road leading to my bungalow and to the upper portion of the hill, and shall moreover require the Municipality to keep up the communications of the two main roads, *viz.*, the Nowrojee Hill 3rd road and Nowrojee Hill Street, which will entail a large expense. (III) I shall charge the Municipality for every *brass* of stone that will be excavated out according to the rate prevailing here, which, as you are aware, is very high in consequence of the large boulders which the hill yields and which are preferred to common little rubble. (IV) I shall also ask compensation for the severance of my property which will be a very large one. I am sure that the new question of frontages has simply arisen among

the Corporators from the partial success they have achieved at Ripon Road, but you will permit me to state that the several circumstances of my property are quite different from those in the above instance. The ground on the Ripon Road was a mere waste, while the land that is required from me is every inch a valuable property with buildings thereon. I do not think the Corporation were aware of these circumstances when they passed a resolution the other day directing the Town Council to submit a scheme with frontages, and I therefore beg to suggest that you will be pleased to lay this letter before the Town Council at an early date, before you order surveys to be made, as I have no doubt that if the Town Council consider the suggestion in the light of my present letter by which I withdraw all the concessions previously made, they will find it impracticable and not advantageous to the Municipality to submit the scheme in any other form than the one in which it was laid before the meeting on Monday, the 26th ultimo. I may also add here that I do not relieve the Municipality of the responsibility of keeping up the communication of the Nowrojee Hill 3rd road and Nowrojee Hill Street even in case of their allowing me the frontages, should it be, at the instance of any of my tenants, ruled by higher authorities that we both are not legally justified in cutting off the abovesaid roads.—I have, &c.,

JALBHOY ARDESEER SETT.

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## REPORT MADE BY THE MUNICIPAL COMMISSIONER.

Read letter No. 11807, dated 9th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have to report on Town Council's Resolution No. 99 of 11th April 1888.

2. By the Corporation Resolution No. 2707, dated 26th March 1888, it was decided that the Nowrojee Hill Road project should be adopted, but the Corporation wished for an estimate to include frontages.

3. In preparing this estimate, I have excluded portions of land on the top of the hill where the rock cutting will be very deep as it is not probable that those portions could be re-sold after the formation of the road at such a profit as to make it worth while to go to the initial outlay of buying them.

4. I have, however, included all such land as could probably be re-sold at a profit after the formation of the proposed road both on the Chinch Bunder and Dongri Street sides of the Nowrojee Hill.

5. The estimates of the present value of the land to be acquired is a matter of great difficulty, as parts of it are of considerable value, whereas other parts on the top of the hill and close under the rock are of small value. Probably Rs. 20 per square yard may be found a safe all-round estimate, some parts being valued by the Executive Engineer at Rs. 10 per square yard, while, in Dongri Street, the land is of considerably greater value.

6. Taking Rs. 20 as the average, the cost of the scheme will be—

| | Rs. |
|---|---|
| 1.—Main road, including sewerage and drainage and 15 per cent. contingencies. | 3,17,710 |
| 2.—Cross Road to the top of the hill rendered necessary by the cutting, including 15 per cent. contingencies for road and 10 per cent. for land and building... | 14,313 |
| 3.—9,376 square yards of land for frontages at Rs. 20 per square yard, including 10 per cent. contingencies ... ... | 2,06,272 |
| 4.—Purchase of houses now standing on do., including 10 per cent. contingencies ... | 61,334 |
| Grant Total ... Rs. | 5,99,629 |

I do not think it too much to expect that the land to be acquired as frontage will double in value after the formation of the new road.

8. If this be so, the profit on re-sale of the frontages (9,159 square yards) would pay two-thirds of the cost of making the road, the 2 lakhs payable for the land being turned into 4 lakhs by re-sale after the road is finished. It appears desirable, therefore, that the 9,376 square yards as shown on the accompanying plan should be taken up as authorized in Section 296, clause (*b*) of the Municipal Act.—F. L. CHARLES, Acting Municipal Commissioner.

*Reasons showing the inadvisability on financial grounds of the Municipality taking up land for frontage on both sides of the road which is proposed to be made through Nowrojee Hill.*

1. With reference to the Municipal Commissioner's report, embodied in the proceedings of the Standing Committee of the 17th October 1888, it is desirable to point out that the Commissioner errs in stating that the land to be taken up for the frontages at a cost of Rs. 2,00,000 (or Rs. 2,06,272) will fetch Rs. 4,00,000 by re-sale when the road is completed. It will be seen from item No. 3 of para. 6 of the Commissioner's report that in the said sum of Rs. 2,06,272, he includes 10 per cent. for contingencies, but he has made no allowance on account of 15 per cent. for compulsory acquisition, which would have to be added to his estimate of the cost. Granting that the Municipality succeed in disposing of the frontages at double the rate paid for, *i.e.*, at Rs. 40 per square yard, the sum which the Municipality will realise on the re-sale of 9,376 square yards (the area of the land for frontages) will amount to Rs. 3,75,040, and not Rs. 4,00,000 as stated. Deducting from this amount the sum of Rs. 2,06,272, the purchase value of the land, the profit estimated by the Municipal Commissioner will be Rs. 1,68,768. Even this amount cannot be considered net profit, as by the Commissioner's own showing Rs. 61,000, the value of the houses standing on the land required for the frontages which will have to be pulled down, must be deducted from the said figure. Hence the expected final realization will amount to Rs 1,07,768, *minus* the amount of Rs. 40,000 which will have to be added to the price of the land for compulsory acquisition.

2. The cost of the land for frontages and the houses standing thereon is estimated by the Commissioner at Rs. 2,67,606. As the

road will at least take two years and a half to complete, and as the frontages will not be available for disposal until then, the interest which the Municipality will lose, on the above sum of Rs. 2,67,606 for the abovesaid period is not an insignificant item, and it should not be lost sight of in calculating the net profit to the Municipality. It is also more than probable that the completion of the project will extend over a longer period than two years and a half, as the surrounding locality through which the road is proposed to be made is very thickly populated, and as the blasting operations will have to be carried on slowly and cautiously within a narrow range of 80 feet only, which is to be the width of the new road.

3. It should also be borne in mind that the landlord of Nowrojee Hill will require compensation for all the stone that can be quarried out of the land. The stone is not only quarried down to the ordinary level of the road, but also to a further depth of thirty-five feet below that level, besides the stone of Nowrojee Hill is more valuable than that of other places. At Nowrojee Hill the quarry-man purchases on his own account houses which he has to pull down before quarrying the ground underneath them. He further pays the landlord a monthly rental of Rs. 150 for every crowbar, the ground again becoming the property of the landlord when levelled. The reason why it pays the quarry-man to work the quarries at Nowrojee Hill under such exceptional circumstances is that the hill yields large blocks of stone, and not common rubble, the value of the former being from five to ten times greater than that of the latter, according to the size of the blocks. It can be proved beyond question that the loss to the landlord from the value of the stone obtainable from the proposed road will be at least Rs. 50,000. This large sum the Municipality will be expected to pay, and will swallow up the profit estimated by the Municipal Commissioner.

4. It will also be observed that no provision has been made in the Commissioner's estimate for compensation to the landlord on account of the severance of his valuable property, which must necessarily take place in constructing the new road and taking up the frontages along with it. In certain places the property will be divided to the extent of about three hundred feet, and all communications on the top of the hill will be entirely cut off. The severance of the hill in two parts will greatly injure the property, and consequently the landlord will have to be compensated for the same.

5. In conclusion, it must be pointed out that when the whole question is finally considered and settled, it will be found that the taking up of the frontages along the proposed road together with the land required for the road will not result in any financial gain to the Municipality. The rate estimated for the value of the land is too low, and will have to be fought out. When that is increased, as no doubt it will be, the profit estimated by the Municipal Commissioner will disappear. There is abundant evidence to prove that the value of the land in the locality is much higher than that estimated by the Commissioner, and it will be better if the Corporation adopted the original proposal of the Commissioner for taking up land for the road only, in which matter the proprietor of Nowrojee Hill has consented to make many sacrifices for the benefit of the improvement and the convenience the road would secure to the public.

As no councillor present undertook to propose the adoption of the recommendations made by the Standing Committee on the 17th October last, for the construction of the road as the taking up of land for frontages, the President said he must leave it to any councillor who wished to do so, to bring forward any proposition on the subject which might be thought desirable.

Proposed by Hormusjee Dadabhoy, Esq., seconded by P. C. DeSouza, Esq.—

No. 5293. "That the Corporation sanction the expenditure of Rs. 3,32,023, to provide for the cost of a road without frontages through Nowroji Hill from Elphinstone Bridge to Dongree Street, the cost to be met from available balances to be adjusted to the debit of loan, subject to the sanction of Government being obtained to the raising of such loan."

*Amendment*, moved by J. R. Duxbury, Esq., seconded by Byramjee Nusserwanjee Servai, Esq.—

"That the question of making a road from opposite the Elphinstone Bridge through Nowroji Hill to Dongree Street be referred to the Committee known as Sir Henry Morland's Committee, and that they be asked to call an early meeting of their body with a view to information being placed before the Corporation on the whole subject.

"That in the meantime the consideration of the question be postponed."

*Second amendment*, moved by George Cotton, Esq., seconded by Eknath Raghunath Khote, Esq.—

"That the matter of the proposed construction of the new road from Elphinstone Bridge to Dongri Street be referred back to the Standing Committee with the request that negotiations be entered into with Mr. Jalbhoy Ardaseer Sett in order to ascertain at what rate he will be prepared to give up sufficient land for the road, provided he is allowed to retain the ground required for frontages for such road."

On a division, the second amendment was *lost*, the votes being 5 *for* and 10 *against*. The first amendment was also *lost*, the votes being 4 *for* and 10 *against*.

The original motion was *carried*, the votes being 15 *for* and 3 *against*.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5294.

"That sanction be given to the following arrangements, as recommended by the Standing Committee, regarding (1) the appropriation of excess receipts on loans owing to the Municipal bonds being above par, (2) the purchase of such bonds for the sinking funds of loans, and (3) the unification of the sinking funds accounts.

"(*a.*) That in all cases where loans are raised by the Municipality, the net premia (after payment of brokerage, stamps and printing charges) received from the subscribers to such loans be credited to the particular loan on which the premia are received, and, unless otherwise specially applied by the Corporation, appropriated towards the reduction of the amount of the next instalment that is issued; a reasonable amount of the premia being reserved as a margin to provide for any possible falling off in the value of Municipal bonds.

"(*b.*) That all sums of money required for the sinking funds of loans or any other Reserve Fund such as insurance, building, &c., be invested by the Municipality in bonds of their own loans at par value before the issue of the remaining bonds to the general public.

"(*c.*) That sanction be given to the unification of the various sinking funds of the loans raised by the Municipality, and hereafter to be raised, and to the adding together of the sums annually necessary for the investments on account of the said sinking fund, and investment of the same in one lump sum.

"(*d.*) That, at the end of each financial year, it be the duty of the Auditors of the Corporation to certify that all sinking fund investments proper to the year have been made."

*Carried nem con.*

Proposed by Cowasjee Hormusjee, Esq., seconded by P. C. DeSouza, Esq.—

No. 5295.

"That, as recommended by the Standing Committee, sanction be given to an advance of Rs. 15,660, from surplus cash balance, to be adjusted to the debit of Budget grant for 1889-90, to meet the cost of 123 pairs of bullocks for Health Department, namely, 30 pairs at Rs. 150 per pair, and 93 at Rs. 120 ditto."

*Carried.*

Read letter No. 13562, dated 30th ultimo, from the Acting Municipal Commissioner, to the President, as follows :—

SIR,—With reference to Corporation Resolution No. 4688, dated 8th October 1888, I have the honour to forward a memo. on the order in which sewerage works should be taken up in future.

It should be explained that the choice of the sections in which pipe sewers have been already laid down, has depended on the areas which, from their general level, could be best drained into particular main sewers.

The boundaries of these areas are naturally irregular depending on the water-shed.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Sewerage.*—It is impossible to lay down with certainty a scheme to be strictly adhered to for the future, because the necessity for drainage depends on the fluctuations of population.

For instance, ten years ago, no scheme of drainage could have been foreseen or prepared for the Ripon Road district, whereas new houses are springing up rapidly on all sides. Similarly it would be out of the question to fix the exact order in which the sewerage of Matunga, Dharavi, Wadala, and other outlaying districts should be taken up. The Municipality must be guided by the most pressing necessities at the time, and it is impossible now to predict which district will most urgently require the extension of the sewerage scheme in the future.

The districts which now most urgently require sewerage are—

1. The newly built over area along the Colaba Causeway.

2. Parts of Umarkhari, Khara Talao, Bhuleshwar, Mazagon, Ghorupdev and Parel.

The Corporation have already sanctioned Rs. 11,700 for the preliminary survey of these districts, and the survey is in progress. The area to be dealt with is a large one, and it will probably be divided into sections according to levels.

3. The portions of the old Race-course and the land north of Bellasis Road which have been built over.

It is hard to say which of these three areas requires sewerage most, but the surveys for 2 and 3 will take time, whereas a scheme for No. 1 (Colaba Causeway) can be got ready soon. The area to be dealt with being comparatively a small one, so that I think Colaba should be taken in hand as soon as the scheme now being prepared is ready.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Thomas Blaney, Esq., seconded by Kaikhusro Nowroji Kabraji, Esq.—

No. 5296.

"That letter No. 13562, dated 30th October 1888, from the Acting Municipal Commissioner, regarding the districts of the city which most urgently require to be sewered, be referred to the Standing Committee for favour of remarks."

*Carried.*

Considered petition to the Corporation, dated 17th October 1888, from Chaibai Maleen, Kasibai Kali, and other vegetable dealers, holding stalls in Arthur Crawford Markets, complaining of the increased rent, Rs. 19 per stall per quarter, charged for the stalls occupied by them therein, and praying that the former rate, Rs. 16 per stall, may be reverted to; and Resolution of the Standing Committee thereon, No. 5024, dated 24th idem, as follows:—"That the Corporation be recommended to refer the petitioners to the memorandum No. 4382, dated 27th September 1888, which the petitioners received from the Municipal Secretary, to the effect that the increase in the rent of their stalls is reasonable."

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5297. "That, in reply to their petition, dated 17th October 1888, Chaibai Maleen, Kasibai Kali and others be referred to the memorandum No. 4382, dated 27th September last, which they received from the Standing Committee to the effect that the increase in the rent of their stalls is reasonable."

*Carried.*

Considered petition, dated 11th May 1888, from Messrs. Dinshaw Bejonjee, Byramjee Cowasjee, and other inhabitants of Charniwadi Lane, complaining that, owing to the stand-pipe provided thereat being used for watering roads, petitioners do not get sufficient water supply to their houses; and Resolution of the Standing Committee thereon, No. 5110, dated 31st October 1888, as follows:—"That the Corporation be recommended to inform Messrs. Dinshaw Bejonjee, Byramjee Cowasjee and others, in reply to their petition, dated 11th May last, that, as a new main is being laid to improve the water-supply to their houses in the lane in question, the cause of complaint will be removed."

Proposed by Cowasjee Hormusjee, Esq., seconded by Naoroji Beiramjee Suntook, Esq.—

No. 5298. "That, in reply to their petition, dated 11th May last, Messrs. Dinshaw Bejonjee, Byramjee Cowasjee and others be informed that, as a new main is being laid to improve the water-supply to the lane in question, the cause of complaint will be removed."

*Carried.*

Shortly before 5 P.M., the President adjourned the meeting until Thursday, 22nd instant, at 5 minutes past 3.

BOMBAY, 22*nd November* 1888.

AT a Meeting of the Municipal Corporation of Bombay, held this day, there were present:—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; HORMUSJEE DADABHOY, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDAS, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL. B.; NUZZER MOHAMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R. E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 19th instant, was postponed.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That letter No. 5164, dated 12th instant, from the Municipal Secretary, to the President, reporting Budget transfers sanctioned by the Standing Committee on the 7th idem, as under, be *recorded*:—

No. 5324.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers, sanctioned by them on the 7th November 1888, Rs. 343-0-10:—

| | Rs. | a. | p |
|---|---|---|---|
| Transfer from savings in Section I., C., Contingencies, Cemeteries, Health Department Budget, to Section IV., Hindu Burial Ground (water supply), same head, same Budget, to meet the cost of excess in the grant for water consumed at the Haines Road cemetery ..... | 84 | 4 | 10 |
| Transfer from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section IV., clothing for Registration Karkoons (Birth), Registration of Births and Deaths, and Section VI., clothing to 6 hearse drivers, Cemeteries, same Budget, to provide for the cost of clothing supplied to the karkoons and drivers in December 1884 ..... | 258 | 12 | 0 |
| Total.....Rs. | 343 | 0 | 10 |

I have, &c., H. WYNFORD BARROW, Municipal Secretary."

*Carried.*

Read letter No. 2, dated 8th instant, from Thomas Blaney, Esq., to the Secretary, as follows:—

SIR,—I have the honor to report for the information of the Municipal Corporation that, at a meeting of the Joint Schools Committee

held yesterday, I was nominated Chairman of the Committee for one year in accordance with section 39, clause 5, of the City of Bombay Municipal Act of 1888.—I have, &c.,

THOMAS BLANEY, Member, Joint Schools' Committee.

Proposed by Dosabhai Framji, Esq., seconded by Hormusjee Dadabhoy, Esq.—

"That letter No. 2, dated 8th instant, from Thomas Blaney, Esq., to the Municipal Secretary, be *recorded.*"

No. 5325.

With the consent of the meeting, the President gave priority to the reading of item 4 on the agenda paper of this meeting (Government letter No. 3868, General Department, dated 5th instant).

Read the following :—

No. 3868 OF 1888. GENERAL DEPARTMENT.

BOMBAY CASTLE, *5th November* 1888.

TO THE HON'BLE RAHIMTULA MOHAMED SAYANI,
Chairman of the Municipal Corporation, Bombay.

SIR,—With reference to the correspondence ending with my letter to your address, No. 3116, dated 5th September 1888, on the subject of legislation to prevent the adulteration of articles of food, I am directed to forward herewith for the information of the Corporation an extract on the subject.—I have, &c.,

J. DEC. ATKINS,
Under-Secretary to Government.

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*Extract from the Proceedings of Government in the General Department, No.* 3869, *dated 5th November* 1888.

RESOLUTION.—As both the Corporation and the Municipal Commissioner consider that special legislation is necessary to provide against adulteration and especially against the adulteration of ghee in Bombay, and it has been ascertained that the Government of India does not contemplate undertaking any general legislation in this direction, the Remembrancer of Legal Affairs should be desired to draft a Bill on the lines of that submitted by the Corporation in December last, but without repeating matter which is already contained in the City of Bombay Municipal Act. The Bill should apply primarily to the City of Bombay, but should be capable of being extended to any Municipal district.

Proposed by Cowasjee Hormusjee, Esq., seconded by Shivji Dhurmaji, Esq.—

"That letter No. 3868, General Department, dated 5th instant, from Mr. Under-Secretary Atkins be *recorded.*"

No. 5326.

*Carried.*

No. 5327. In accordance with notice of motion, it was—

Proposed by Kaikhusro N. Kabraji, Esq.—

* "That, in view of the approaching discussions on the Budget, a Committee be appointed to examine and revise the salaries and the scale of establishment and other charges in the Assessor's Department, the Health Department, and the Engineering Department, and to report, within two months, to the Corporation all possible and desirable retrenchments which may, without impairing efficiency, secure a fair margin of economy in the Municipal administration of this city.

"That the Committee be empowered to examine and consult Municipal Officers and to call for such papers and records as to them may seem fit.

"That the Committee be formed of the following Councillors, and the quorum to consist of five members:—

THE HON. MR. R. M. SAYANI; THE HON. MR. K. T. TELANG, C.I.E.; THE HON. MR. PHEROZESHAW M. MEHTA; COLONEL G. L. C. MEREWETHER; DOSABHAI FRAMJI, Esq., C.S.I.; RAGHUNATH N. KHOTE, Esq., C.I.E.; MAJOR H. O. SELBY; MAJOR GERALD W. MARTIN, DR. THOMAS BLANEY; JAVERILAL UMIASHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; DR. COWASJEE HORMUSJEE; DAMODHAR THAKERSEY MULJI, Esq.; A. M. GUBBAY, Esq.; DR. R. N. KHORY; MUNCHERJI NOWROJI BANAJI, Esq.; GRATTAN GEARY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; JAMSHEDJI PALLONJI KAPADIA, Esq.; N. G. CHANDAVARKAR, Esq."

Seconded by Dr. Rastamji N. Khory.

On a division, the motion was *lost* by 13 votes *against* 4.

At 5 o'clock the meeting adjourned, and the President fixed 3 p.m. on Monday, the 26th instant, for the adjourned meeting.

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BOMBAY, 22*nd November* 1888.

The adjourned Meeting (originally called for the 12th instant, and adjourned from the 19th idem), appointed for this day, was not held, as the business of the Meeting, as above, lasted until the Corporation separated.

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BOMBAY, 26*th November* 1888.

AT an adjourned Meeting of the Corporation (originally called for the 22nd instant, and adjourned from that day,) held this day, there were present:

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERVANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.;

* With the permission of the President and the consent of the meeting, the mover was allowed to omit the following words after the word "revise":—"all current expenditure of the Municipality of Bombay with special reference to."

The word "three" before the word "month" was also struck out, and the word "two" was inserted in place thereof.

J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; MAJOR H. O. SELBY, R.E.; SIVJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).

The DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Meeting, held on the 19th instant, were signed.

The signing of the minutes of the Meeting called for the 22nd instant was postponed.

In accordunce with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

"That sanction be given, as proposed by the Acting Municipal Commissioner, to the following scale of fees to be levied under section 269 (3) of the Municipal Act, for water drawn from public wells and fountains in casks, carts, pakhals or masakhs, for private use:—

Rs. 2 per masakh per mensem.
„ 3 per pakhal per mensem.
„ 10 per cart per mensem up to 4 carts per day.
Annas 2 extra for each cart in excess of 4 carts per day."

This motion was seconded by J. R. Duxbury, Esq.—

The President ruled that the proposition was out of order, as section 171 of the Act provides that no tax or charge of any kind shall be levied or demanded for the use of water in or from any drinking fountain, tank, reservoir, cistern, pump, well, duct, stand-pipe, or other work used for the gratuitous supply of water to the inhabitants of the city, and vesting in the Corporation; provided that the use of water in or from any such work shall be limited as prescribed in sub-section 3 of section 269.

This concluded the business of this meeting.

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BOMBAY, *26th November* 1888.

AT an adjourned Meeting of the Corporation (originally called for the 12th instant, and adjourned from the 22nd idem), held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.—*President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSY MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I; J. R. DUXBURY, Esq.; EKANATH RAGHUNATH NARAYAN KHOTE, Esq.; R. GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.;

KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The MUNICIPAL SECRETARY.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"That the collection of birds and animals in the Victoria Gardens be abolished."

This motion was seconded by Eknath Raghunath Khote, Esq.

*First amendment*, moved by Cowasjee Hormusjee, Esq., seconded by Vandravandas Purshotumdas, Esq.—

"That the consideration of the proposed abolition of the zoological collection in the Victoria Gardens be postponed until the Budget Estimates are discussed.

"That in the meantime the Municipal Commissioner be asked to report on the question at an early date as possible."

*Second amendment*, moved by Colonel Merewether—

"That the question of abolition of the zoological collection in the Victoria Gardens be postponed, in order that the views of the Commissioner on the subject may be obtained; and that in the meantime enquiries be made as to which of the quadrupeds and birds other than those which the P. and O. S. N. Company object to carry, or for carrying which they would charge very high rates, would be especially valuable to the Adelaide Gardens; and that an estimate be then laid before the Corporation of the cost of despatching them to Adelaide."

*Not seconded.*

Major Selby suggested that the words from "the Budget" to "possible," both inclusive, be struck out of the amendment, and that in place thereof the following words be inserted :—"a report by the Municipal Commissioner and the remarks of the Standing Committee."

This alteration was agreed to by the proposer and seconder of the amendment.

The original motion was *withdrawn*, and the amendment which then became the substantive motion, was passed as follows :—

"That the consideration of the proposed abolition of the zoological collection in the Victoria Gardens be postponed until a report by the Municipal Commissioner and the remarks of the Standing Committee thereon are before the Corporation."

No. 5343.

In accordance with notice of motion, it was—

Proposed by Dosabhai Framji, Esq.—

"That, as recommended by the Standing Committee, sanction be given to the expenditure of Rs. 10,628, namely, (1) Rs. 5,318, from Surplus Cash Balance, to provide for cost of lamps and lamp-posts, brackets, &c., for the lighting of the Prince's and Victoria Docks; and (2) Rs. 5,310, from the balance of one lakh reserved in the current year's Budget for works under Rs. 10,000, to provide for cost of laying gas mains therein."

No. 5344.

This motion was seconded by Thomas Blaney, Esq., and *Carried.*

This concluded the business of the Meeting.

The President informed the Meeting that the next Meeting will be called for 10th December, and that a notice of motion given by Mr. Kaikhusro N. Kabraji, at present fixed for the 3rd idem, will be brought on at such meeting.

## ADDRESS TO THE MOST HON'BLE THE MARQUESS OF LANSDOWNE.

BOMBAY, *3rd December* 1888.

THE address from the Corporation to the Most Hon'ble the Marquess of Lansdowne, G.C.M.G., Viceroy and Governor-General of India designate, was presented to his Lordship on his landing at the Apollo Bandar, at 7-30 A.M., this day.

In accordance with the terms of Government Notification No. 7503, Political Department, dated 15th ultimo, accommodation was provided for members in the shamiana erected by the Public Works Department.

The following members were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.;* JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; THE HON'BLE MR. KASHINATH TRIMBAK TELANG, C.I.E.;* KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MAJOR GERALD MARTIN;* COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.;

KHAN BAHADUR MUNCHERJEE COWASJEE MUNZBAN, ASSOC. M.I.C.E.;* NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA;* LIEUT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; DR. RASTAMJI NASARVANJI KHORY, M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.;* SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; H. WILMOT ULOTH, Esq.; DR. C. F. UNDERWOOD, M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).*

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; the HEALTH OFFICER; the CHIEF ACCOUNTANT, and the MUNICIPAL SECRETARY.

The Political Secretary, Mr. Lee-Warner, having presented the President to the Marquess, and the President having then presented to his Lordship, the Municipal Commissioner and some Municipal Councillors:

The following address was read by the President:—

TO THE MOST HONOURABLE

SIR HENRY-CHARLES-KEITH PETTY-FITZ MAURICE, MARQUESS OF LANSDOWNE,

Earl Wycombe, Viscount Caln and Calstone, Lord Wycombe, Baron of Chipping Wycombe, Earl of Kerry and Earl of Shelburne, Viscount Clanmaurice and Fitzmaurice, Baron of Kerry, Lixnaw, and Dunkerron,

G.C.M.G., P.C., &c., &c., &c.

MAY IT PLEASE YOUR LORDSHIP,

We, the President and Members of the Corporation of Bombay, welcome you on setting foot on the soil of India. Like your distinguished predecessor, you have already, in the Dominion of Canada, borne the burden and the honours of a great Viceroyalty, and the experience acquired in the West will bear fruit in the still vaster Empire of her Majesty in this hemisphere. Having served an apprenticeship in the India Office to the work of Indian Administration, your Lordship comes to this country with special advantages.

2. We heard with pleasure of the generous appreciation to which you gave expression recently in London of the moral and material progress which has been achieved in India during the reign of her Gracious Majesty. We regard as of happy omen the declaration that under the new conditions it may be possible to bring into sympathetic co-operation with the Government, the intelligence and loyalty of all classes, and that it would be your Lordship's endeavour to rule, not by force, but with the good-will of the people.

3. The advance which has been made in the application of the principles of Local Self-Government is nowhere more conspicuous

*Note.—The gentlemen against whose names there are asterisks were present in other capacities.

than in this City. We confidently trust that your Lordship will, like your immediate predecessors, give free scope to Municipal institutions in India.

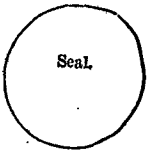
4. The defences of Bombay have been strengthened, and the works are still in progress. We venture to hope that your Lordship will give vigilant attention to the important duty of providing for the security of this and other Indian Ports, so that they may be rendered reasonably secure from the accidents of war.

5. It has given us pleasure to know that the Marchioness of Lansdowne has kindly undertaken to carry on the work of the Marchioness of Dufferin in organising the means of providing skilled medical aid to the women of India. In the furtherance of this excellent and most necessary object, the Marchioness of Lansdowne will be repaid by the gratitude which is the just reward of the benevolent exertions of her predecessor in that good work.

BOMBAY, *3rd December* 1888.

R. M. SAYANI,
*President.*
H. WYNFORD BARROW,
*Municipal Secretary.*

The common seal of the Municipal Corporation of the City of Bombay affixed in the presence of
DOSABHAI FRAMJI,
V. N. MANDLIK,
*Two Members of the Standing Committee of the said Corporation.*




The following reply* was made by his Lordship:—

Mr. President and Members of the Municipal Corporation of the City of Bombay,—I thank you heartily for the generous and cordial terms in which you have welcomed me, and I can assure you that we shall long remember the manner in which you have received us within your city. Sir, I shall not allow myself to forget that the courtesy which you have extended to me is not an indication entirely or mainly of personal feeling towards myself. I believe it to be the manifestation of a feeling which I have no doubt is prevalent throughout British India, and which, I am sure, is prevalent in the city of Bombay—a feeling of loyalty to the Queen-Empress and of pride in membership of her Empire—a feeling which leads you to avail yourselves gladly of any opportunity of assuring the person who happens to be her Majesty's representative of your sentiment of respect for him. At the same time I should be wanting, I think, in frankness, as well as in gratitude, if I did not recognise in the words you have used some indication of personal interest and good-will towards myself; and I can assure you that at the present moment those expressions of your sentiments are in my eye of the very utmost value, for I can conceive no moment, in the life of an Englishman, more solemn than that in which he finds himself called upon to undertake the great task which is

* Taken from the *Times of India* and the *Bombay Gazette* of 4th December 1888.

about to be committed to my hands. Whether he looks back towards the long line of illustrious men who have preceded him and asks himself whether he will be given strength of mind and body to continue their work, or whether he looks forward to the many important questions which await solution at the hands of the Government of India, he must be infatuated if he does not recognise that he is about to submit himself to an ordeal as severe as that which any public man can expect to go through. At such a moment words of encouragement, such as you have addressed to me, sound most gratefully upon his ears. Let me say also that I do not think there is any body of public men in this country who could express sentiments of that kind with greater weight and greater authority than the Municipal Corporation of a great city such as yours—a city whose historical associations are amongst the most interesting and remarkable in the annals of this country—a city which in our own time has achieved for itself a position intellectually and commercially unsurpassed by that of any other city in this Empire. Sir, I can assure you that any expressions of opinion on the part of such a city shall receive my most careful and earnest attention. I did not fail to take note of what fell from you in regard to the success which has been achieved by the extension of a large measure of local self-government to your city. Municipal institutions are on their trial in the great cities of India, and I am prepared to find—I may say I am sure to find—in your city, that they have achieved results not likely to disappoint the most sanguine advocates of that great and salutary measure of reform. (Hear, hear.) I also noted what you said with regard to the duty which you believe attached to your Government of securing this part of the Empire against danger from external attack. I entirely recognise that it is one of the first duties of your Government to render the Queen's possessions in this part of the world so secure as to give the utmost scope to the progress of all peaceful pursuits. Mr. President, in dealing with this, and the other great questions which concern the Government of India, those who are connected with it have the great advantage of being assisted by a body of public servants unrivalled in the service of any Power in the world in respect to their intelligence, ability, and what I might almost call their traditional aptitude for the conduct of public affairs. I trust that the support of that distinguished body of men will be extended to me as loyally as it has been given to my predecessors. But, Mr. President, I should be sorry to think that I was to depend merely upon the countenance and good-will of those who will be associated with me in the performance of official duties in this country. I trust that I may look for the sympathy and co-operation of the whole of the Queen's subjects in this part of India, whether official or unofficial. Mr. President, you refer in graceful terms to the fact that Lady Lansdowne has undertaken to continue the admirable work inaugurated by the Marchioness of Dufferin in this country, and let me say, for Lady Lansdowne as well as for myself, that it will be our earnest wish to

associate ourselves with you in all your endeavours for the alleviation of distress and for bringing within the reach of those who most require them the appliances which science has devised for the relief of suffering humanity. I must not detain you longer. You were kind enough, Mr. President, to refer in passing to my services under the Crown in another part of the Empire. The contrast between Canada and India is a very marked and striking one. We have left a cold climate for a warm one. (Laughter.) We have left a country, most of which has been recently settled for a country with a very ancient and historical civilization. We have left a country in which self-governing institutions are fully developed, for one in which they are being tried with cautious and tentative steps in regard to purely local affairs. I trust, however, that in one respect I shall find a resemblance between Canada and India. I trust I shall find that here, as well as there, loyalty to the Crown and attachment to the British Empire are terms as well understood in the one country as I found them understood amongst those good friends with whom I passed the last five years of my life in Canada. Sir, I thank you very cordially for your address. I shall preserve it, and I may express my great admiration of the manner in which it has been enshrined, and I accept it with the utmost gratitude and thanks for the courtesy which you have extended to me. (Cheers.)

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BOMBAY, 10*th December* 1888.

AT the Meeting of the Municipal Corporation of Bombay held this day, there were present :—

THE HON'BLE MR. RAHITOOLA MOHAMED SAYANI, M.A.,LL.B., *President.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABDAS, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZSHAH MEHERWANJI MEHTA; PURSHOTUMDAS MUNGUDLAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARWANJI KHORY, Esq., M.D., M.R.C.P. LON.; MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; H. WILMOT ULOTH, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the HEALTH OFFICER; and the MUNICIPAL SECRETARY.

On the question of the signing of the minutes and of the record of the proceedings at the reception of the Marquess of Lansdowne—

Colonel Merewether raised the point that only the names of those gentlemen who were actually present, and

in their places as members of the Corporation at the reception, should appear on the record.

It was pointed out that the names of those members who were present in other capacities, were shown with asterisks against their names, which was in accordance with previous practice.

The Hon'ble Mr. Pherozeshah M. Mehta and one or two other members having expressed the opinion that it is convenient that the names of all gentlemen in attendance should be given in this way, it was agreed that the name of Mr. Harold R. King be added to the list of members, that gentleman having been at the bunder in command of the Bombay Light House.

The names of Major Martin and Major Selby were removed as those gentlemen were not at the Bunder on the day in question.

The following were then signed: The minutes of the meeting held on the 22nd ultimo, the record of the adjourned meeting called for the same day, the minutes of the adjourned meeting held on 26th idem, and the record of the proceedings at the reception as above on the 3rd instant.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That letter No. 5376, dated 30th November 1888, from the Municipal Secretary to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 28th idem, as under, be *recorded*:"—

No. 5444.

SIR,—I have the honour to inform you that, under the provision of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them up to 28th November 1888, Rs. 12,186-9-1, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer to the contract amount of Rs. 5,179-8-0, sanctioned by the Town Council, in their Resolution No. 76, dated 11th April 1888, for the construction of catchwater channel to the east of dam No. 3 at Vehar Lake, from savings (1) of Rs. 911-11-11, in the grant for the continuation of the existing catchwater channel to the west of the lake, and (2) of Rs. 863-12-1, in the grant of Rs. 10,000, sanctioned by the Corporation, in its Resolution No. 51, dated 9th April 1888, for the said work ..... | 1,775 | 8 | 0 |
| Transfer from savings in the grant for the surface drainage works, to the grant for the Crawford Markets to Mint Sewer Works, to meet the cost of repairing the usual openings in roads for the Drainage Works..... | 1,961 | 13 | 9 |
| Carried over... | 3,737 | 5 | 9 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought forward... | 3,737 | 5 | 9 |
| Transfer from savings in the grant for earthing over storage basin, Malabar Hill Reservoir, to the grant for earth embankment thereat, to meet excess over the sanctioned grant for the embankment ..... | 1,358 | 8 | 0 |
| Transfer from savings in Section I., Bullocks and Bhistees, road watering, Engineer's Budget, to section II, water carts, same head, same Budget, to meet the cost of 12 iron tanks ..... | 1,200 | 0 | 0 |
| Transfer to the grant for construction of ovoid sewer from the Crawford Markets to the Mint, from savings in Surface Drainage Works grant, Fort Pipe Sewer Works, to meet the excess in the grant for the ovoid sewer..... | 5,890 | 11 | 4 |
| Total...Rs. | 12,186 | 9 | 1 |

I have, &c.,
H. WYNFORD BARROW,
Municipal Secretary."

*Carried.*

Proposed by Colonel Merewether, seconded by E. R. Freeborn, Esq.—

No. 5425.

"That, as proposed by the Municipal Commissioner in his letter No. 14757, dated 13th ultimo, and as recommended by the Standing Committee in their Resolution No. 5266, dated 14th idem, sanction be given to the outlay of Rs. 1,238, from Surplus Cash Balance, to provide for the cost (1) of the following establishment, up to the end of the current financial year, for the verification of weights and measures, as required by Sections 418 and 419 of the Municipal Act III. of 1888, and (2) of the purchase from the Commissioner of Police, of plant for the said verification :—1 Clerk at Rs. 20 per mensem, one stamper at Rs. 30 per mensem, and 1 assistant stamper at Rs. 20 per mensem.

"That, as also recommended by the Standing Committee, sanction be given, under the provisions of Section 420 of the Act, to the levying of the following fees for the verification of weights and measures :—

| | Annas. |
|---|---|
| For weights from 1 seer, either local, of 11⅛ oz., or standard of 2 lbs. and above, each weight ..... | 4 |
| For weights below 1 seer quoted above ..... | 1 |
| For measures from 1 seer of 21¾ oz., or 23 tolas weight and above, each measure ..... | 4 |
| For measures below 1 seer quoted above..... | 1 |
| For measure of length ..... | 4 |
| For weights 2 lbs. and above ..... | 4 |
| For weights below 2 lbs. ..... | 1" |

*Carried.*

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5446. "That, as recommended by the Standing Committee in their Resolution No. 5366, dated 28th ultimo, sanction be given to the writing off of Rs. 144-15-0, being the book value of a portion of the stationery ordered out from England in 1879, which stationery was destroyed by white-ants."

*Carried.*

Proposed by Colonel Merewether, seconded by E. R. Freeborn, Esq.—

No. 5447. "That, as recommended by the Standing Committee, in their Resolution No. 5367, dated 28th ultimo, sanction be given to the writing off as loss of Rs. 1,488-8-7, from the live-stock return of the Health Department, being the book value of 19 bullocks that died 2 that were destroyed and 1 bullock and 1 horse that were sent to Pinjrapole—total 22 bullocks and 1 horse—during the quarter ending 31st August 1888."*

*Carried.*

In accordance with notice of motion, it was—

Proposed by Kaikhusro N. Kabrajee, Esq.,

No. 5448. "That Mr. F. W. Stevens, the architect of the Municipal Office, be requested to provide in his plans and design sufficient arrangements for lighting the Municipal Buildings."

This motion was seconded by Bomonji Pestonji Master, Esq.

On a division there were 21 votes *for* and 3 *against* the motion, which was *carried*.

No. 5449. With the permission of the President and the consent of the meeting, the following was *withdrawn*:—

Resolution of the Standing Committee No. 5259 of 1888-89, recommending that sanction be given to the

* *Causes of death*:—2 inflammation of heart and lungs, 2 inflammation of lungs and general debility, 1 inflammation of bowels, 1 lungs inflamed and abscess in ventricles, 2 flatulent colic, 8 old age and general debility, 1 abscess and general debility, 1 congestion of lungs and general debility, 1 from the effects of injury, old age and general debility: total 19 died, 2 destroyed and 1 cast bullock and 1 horse sent to Pinjrapol. Total died, destroyed, &c., 22 bullocks and one horse.. *Locality where death or invalidating took place*: 6 Bori Bandar hospital, 5 Sankli Tank hospital, 2 C Ward stable, 2 D Ward stable, 1 E Ward stable, 2 G Ward stable, and 1 Girgam stable, 2 destroyed and 1 sent to Pinjrapol. Total 22 bullocks and 1 horse. Percentage on the whole stock of bullocks, 5·8.

laying out by the Currimbhoy Mills Company, of a part of the Tulsi pipe line, as the line of a future thoroughfare.

In accordance with notice of motion, it was—

Proposed by Dr. Rastamji Nasarvanji Khory—

"1. That Government be informed that the Corporation are now prepared to take over entire charge of the management and maintenance of the Gokuldas Tejpal Hospital from such date as Government may be enabled to arrange for the transfer as indicated in their Resolution in the General Department, No. 1222, dated 3rd April 1886.

"2. That, upon the transfer of the Hospital from Government, the Corporation will appoint a Committee for the management of the institution as provided in section 41 of the new Municipal Act.

"3. That the Standing Committee be informed that the Corporation will be prepared to approve of the grant for the Hospital being increased from Rs. 36,000 to Rs. 50,000 for the ensuing year to provide for the pay of the medical staff."

*Not seconded.*

It was agreed that the consideration of the following be postponed :—

QUARTERLY Statement, as per Corporation's Resolution No. 1270 of 1887-88, for the quarter ended 30th September 1888.

| Wards. | No. of new properties assessed during the quarter with the total amount of Assessment fixed for the same. | | No. of previously existing properties the assessments of which have been increased during the quarter and the total amount of the increased assessment. | | No. of previously existing properties the assessments of which have been reduced during the quarter and the total amount of the reduced assessment. | | REMARKS. |
|---|---|---|---|---|---|---|---|
| | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | No. of Properties | Amount of Assessment. | |
| | | Rs. | | Rs. | | Rs. | |
| A. | 83 | 99,195 | * 24 | 36,837 | 14 | 19,405 | * This includes 10 properties formerly assessed as land but now built on. |
| B. | 47 | 13,851 | * 58 | 33,419 | 48 | 11,267 | Do. 14 do. do. |
| C. | 11 | 3,648 | * 73 | 43,429 | 27 | 24,437 | Do. 27 do. do. |
| D. | 20 | 10,262 | * 56 | 39,461 | 25 | 3,532 | Do. 36 do. do. |
| E. | 81 | 34,061 | * 95 | 38,422 | 41 | 10,573 | Do. 51 do. do. |
| F. | 25 | 15,338 | * 29 | 11,095 | 18 | 1,357 | Do. 14 do. do. |
| G. | 49 | 16,479 | * 39 | 16,913 | 20 | 938 | Do. 6 do. do. |
| | 316 | 1,92,834 | 374 | 2,19,576 | 193 | 71,509 | |

NOTE.—This return is useless for purposes of calculation as it does not show sums to be refunded (Form 10), nor reductions on appeal, nor rise in rents, nor previous under-assessments, the two latter taking effect from the ensuing year.

P. RUSTOMJI,
For Assessor and Collector.

The consideration of the following motion was, at the request of Major Selby, postponed :—

"That the President do write and ask Government whether they will be pleased to join with the Corporation in appointing a Commission to inquire into and report on the best means of disposing of town sweepings."

## ADDRESS TO THE MOST HONOURABLE THE MARQUIS OF DUFFERIN.

BOMBAY, 12*th December* 1888.

The address from the Corporation to the Most Hon'ble the Marquis of Dufferin was presented to His Lordship on his arrival at the Victoria Terminus at 5 P.M. (Bombay Time), this day.

In accordance with the terms of Government notification No. 7789, Political Department, dated 27th ultimo, accommodation was provided for Members in the Booking Hall of the Station.

The following Members were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.

ABDULA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; BHAISHANKAR NANABHAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJI JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; JEHANGHIR COWASJEE JEHANGHIR, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; THE HON'BLE MR. KASHINATH TRIMBAK TELANG, C.I.E.; KAVASJI DADY LIMJI, Esq.; HAROLD R. KING, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR G. W. MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAVANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NUZZER MOHOMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P., (London); SHIVJI DHURMAJEE, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; H. WILMOT ULOTH, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VISVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London.)

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the HEALTH OFFICER; the ASSISTANT HEALTH OFFICER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The Political Secretary, Mr. Lee-Warner, having presented the President to the Marquis, and the President having

then presented to His Lordship the Municipal Commissioner and some of the Members in attendance,

The following Address was read by the President :—

THE MOST HONOURABLE

SIR FREDERICK-TEMPLE HAMILTON-TEMPLE-BLACKWOOD MARQUESS OF DUFFERIN AND AVA,

Earl of Dufferin and Ava, Viscount and Baron Clandeboys,
Baron Dufferin and Clandeboys, K.P., G.C.B.,
G.C.M.G., G.C.S.I., G.C.I.E., P.C., F.R.S.,
D.C.L., LL.D., &c., &c.

MAY IT PLEASE YOUR LORDSHIP,—We, the President and Members of the Municipal Corporation of Bombay, bid you farewell, after four years of public service in the exalted position of Viceroy and Governor-General of India. When you first came amongst us in 1884, your Excellency was already distinguished by the brilliant career in which you had served her Majesty with eminent ability and success in Canada, in Russia, at Constantinople, and in Egypt. You now proceed—honoured by the continued confidence of the Queen-Empress—to Rome, where you will find the traces of an Empire which, in its greatest glory, did not contain within its utmost limits, populations even one-half as numerous as those who find peace and protection under our benign Sovereign.

2. When welcoming you to India on your arrival, this Corporation ventured to hope that your Lordship would find time, amidst the incessant cares of Government, to visit, as occasion arose, the different Provinces of India, so as to become personally acquainted with the people and their needs. This hope has been realised. Your Lordship has visited every part of the country, and taken an active interest in the promotion of great works which contribute to the prosperity of all classes. The completion of the Indian Midland Railway, and the Nagpur-Bengal Line abridging the distance between Calcutta and Bombay, works which were begun under your government, will open up to commerce a vast area of fertile territory, and afford additional guarantees against the worst effects of famine.

3. Another subject of no less importance was alluded to when your Lordship landed here. The defences of Bombay have been strengthened, and though much still remains to be done, the City is beginning to enjoy a sense of security which was not felt when we ventured to call your Lordship's attention to the utterly defenceless condition of this harbour. The works which have been undertaken, and are now in progress, are a part of the scheme of Imperial Defence to which your Lordship has devoted so much vigilance and energy. The Frontier has been rendered well nigh impregnable, and the important lines of communication which were begun by your illustrious predecessor, the Marquess of Ripon, have been nearly

completed. In this connection we would venture to express our warm acknowledgments for the great service rendered during the period of anxiety, when complications were threatened on the Afghan Frontier. Your Lordship's statesmanship and experience conjured the dangers of that difficult situation without the cost or the bloodshed of wars.

4. Under your Administration, Municipal institutions have attained a free scope. It will, we are sure, give pleasure to your Lordship to know that under the free Municipal constitution bestowed on Bombay, this City has progressed in population, in contentment and prosperity.

5. We cannot conclude without taking this occasion to express the fervent gratitude of all classes of her Majesty's subjects in India, for the great and abiding good accomplished by the Marchioness of Dufferin and Ava, in establishing on a durable basis an organization for supplying the women of India with medical aid. The goodness of heart which prompted your devoted consort to undertake this arduous and noble work, suggested by her Most Gracious Majesty, was not more conspicuous than the talent, energy, and business capacity displayed with such satisfactory and gratifying results in the service of the women of India. The name of the Marchioness of Dufferin and Ava will be remembered in the households of India in the years yet to come. In saying farewell to your Lordship, we beg to associate the Marchioness of Dufferin and Ava in our heartiest good wishes for your happiness in the Western lands to which you now return.

Bombay, 12th December 1888.

Seal.

The Common Seal of the Municipal Corporation of the City of Bombay affixed in the presence of

RAHIMTULA MOHAMED SAYANI,
*President.*

COWASJEE HORMUSJEE, C.S.M.C.,
JAVERILAL UMIASHANKAR YAJNIK,
*Two Members of the Standing Committee of the said Corporation.*

H. WYNFORD BARROW,
*Municipal Secretary.*

The following reply was then read by his Lordship:—

Mr. President and Gentlemen,—I am very sensible of your kindness in thus welcoming me again to your noble city—a city, which I am happy to think, has been continually increasing in splendour, in prosperity, and in wealth, under the joint auspices of your Governor's conscientious, wise, and painstaking administration, and the intelligent counsels of the Municipal Corporation. The solicitude of the Government of India, as you are aware, is in no sense confined to the limits of any particular province or city of the Empire. It watches with impartial interest over the welfare of the whole Peninsula, and we have always considered it a fortunate circumstance when it has been within our power, either directly or indirectly, to embark on any line of policy which was consonant to the wishes, or conducive to the well-being of the loyal and enterprising population of Bombay. It is a great satisfaction to me to know that the intelligent classes of this part of

India comprehended the obligation of providing for the security of the North-West frontier. India is so large a place that the nature and force of those considerations which impose upon the Government any special line of action at one extremity of the Empire are scarcely appreciated or understood by those who live under different conditions at the other; but I think you may rest assured that the rulers of the country will never enter upon any expenditure of a warlike character, whether with the view of being prepared against possible contingencies of a serious character or of repelling casual incursions of hostile tribes or of other enemies except with extreme reluctance, and under the pressure of absolute necessity. In conclusion, allow me to thank you for the kind reference you have made to my wife's endeavours to improve the condition of the women of India. The encomium you have passed upon her cannot fail to be most gratifying to her feelings, and I at all events am at liberty to say that it is richly deserved, for not only will she have done an immense amount of actual good in the present, but she will have shown what a powerful engine sympathy, commonsense, and judicious management prove in overcoming or turning those special impediments to progress, which are peculiar to the soil of India. In bidding you good-bye, I beg again to express to you my earnest wishes for the prosperity and welfare of your city and of its inhabitants, as well as of the magnificent and powerful province of which it is the capital.

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BOMBAY, *7th January* 1889.

AT a Meeting of the Corporation held this day for the consideration of the Budget Estimates for the year 1889-90, there were present:

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*
ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAJOR GERALD MARTIN; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., BA., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.; M. R. WYER, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 10th ultimo, and the record of the attendance at the presentation of address

to Marquess of Dufferin and Ava on the 12th idem, were signed.

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

No. 5581. "That the Budget Estimates for the year 1889-90 be now considered."

*Carried unanimously.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5582. "That the Estimates of Income for the year 1889-90 be considered before the Estimates of Expenditure for the same period."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhai B. Jeejeebhoy, Esq.—

No. 5583. "That the estimated opening Cash Balance for the year 1889-90 be passed at Rs. 4,50,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhai B. Jeejeebhoy, Esq.—

No. 5584. "That the General Tax for the year 1889-90 be fixed at 8 per cent. together with one-half per cent. to provide for the expenses necessary for the entertainment of the Fire Brigade.

"That the estimate of the 8½ per cent., including contributions of Rs. 50,000 from Government and Rs. 1,63,000 from the Port Trust, be passed at Rs. 16,15,000."

In accordance with notice, the following *amendment* was proposed by Cowasjee Hormusjee, Esq.—

"That the additional tax for Fire Brigade be fixed at annas 4 instead of annas 8, as proposed."

Seconded by Naoroji B. Suntook, Esq.

Mr. Dosabhai Framji raised the point of order that the *amendment* was out of order.

The President ruled that the *amendment* was in order.

Mr. Javerilal U. Yajnik moved that the tax for the Fire Brigade be sanctioned at ⅜ per cent.

The President ruled that Mr. Javerilal's proposal was out of order, as no notice thereof had been given.

On a division, there were 7 votes for the *amendment* and 27 *against* it, and the same was *lost.*

There were 27 votes *for* and 2 votes *against* the original motion, which was *carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 5385. "That the Wheel Tax for the year 1889-90 be fixed at the maximum rates allowed by the Act, namely :—

| | Per Quarter. Rs. | a. | p. |
|---|---|---|---|
| Each four-wheeled vehicle, drawn or impelled by horses, ponies, mules, donkeys, bullocks or machinery..... | 5 | 0 | 0 |
| Each two-wheeled vehicle, drawn or impelled by horses, ponies, mules, donkeys, bullocks, or machinery ..... | 3 | 0 | 0 |
| Each vehicle drawn or impelled otherwise than by horses, ponies, mules, donkeys, bullocks, or machinery ..... | 2 | 0 | 0 |
| Each horse, pony, or mule of a height of 12 hands or upwards. | 6 | 0 | 0 |
| Each horse, pony or mule of a height of less than 12 hands.. | 2 | 0 | 0 |
| Each bullock or buffalo kept for draft or pack purposes..... | 1 | 0 | 0 |
| Each donkey kept for draft or pack purposes, or for riding.. | 1 | 0 | 0 |

"That the Budget Estimates of receipts from Wheel Tax be sanctioned at Rs. 3,30,200."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5586. "That the Toll Fees for the year 1889-90, to be levied on all carts on which wheel tax is not paid, entering the city of Bombay from Salsette, be fixed at two annas per cart on the occasion of each entrance thereof.

"That the Budget Estimate of receipts from toll fees be sanctioned at Rs. 13,700."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 5587. "That the Budget Estimate for the year 1889-90 of revenue in lieu of the money formerly received for Liquor Licenses, Fees, &c., be passed at Rs. 1,43,750, the amount entered in Section 63 of the Abkari Act V of 1878."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5588. "That the Budget Estimate for the year 1889-90, of revenue from the issue of Public Land Conveyance Licenses be sanctioned at Rs. 13,200."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Captain Sir Henry Morland—

"That the Budget Estimate for the year 1889-90 of revenue from Tobacco Duty and Licenses be sanctioned at Rs. 1,83,000."

No. 5589.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Captain Sir Henry Morland—

"That sanction be given to the levy of Town Duties for 1889-90, as under :—

No. 5590.

| | Rs. a. p. |
|---|---|
| Grain of all sorts, per candy ..... | 0 2 0 |
| Flour of all sorts..... | 75 per centum of the rate at the time being levied on the grain from which the flour is prepared. |
| Wines and spirits, per imperial gallon ... | 0 4 0 |
| Beer, per imperial gallon ..... | 0 0 6 |
| Sugar, molasses and goor, per cwt. ..... | 0 6 0 |
| Ghee, per Bombay maund ..... | 0 6 0 |
| Timber, excluding Railway sleepers ..... | 2½ per cent. on market value. |
| Firewood, per candy ..... | 0 2 0 |

"That the Budget Estimate of receipts from the Duties for the year be sanctioned at Rs. 6,70,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate for the year 1889-90 of the contribution from Municipal servants towards the Retiring or Pension Fund, be sanctioned at Rs. 12,000."

No. 5591.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the Halalkhor Tax for the year 1889-90 be levied at 3 per cent. of the annual rateable value of any house or building or separate holding of land to which Halalkhor service is supplied; subject, however, to the proviso that the minimum amount of tax to be levied under Section 140 (*b*) of the Municipal Act in respect of any one separate holding of land, or of any one portion of a building which is let as a separate holding, be 4 annas per month.

No. 5592.

"That the Budget Estimate of receipts from the tax be sanctioned at Rs. 3,93,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5593. "That the Water Tax for the year 1889-90 be fixed at 4 per cent. on the rateable value of all houses, buildings and land supplied with water under the terms of Section 140 (*a*) of the Municipal Act.

"That the Budget Estimate of revenue from water be sanctioned at Rs. 9,55,750."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by K. M. Shroff, Esq.—

No. 5594. "That the Estimate of Income from Market Receipts for 1889-90 be sanctioned at Rs. 3,10,900."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 5595. "That the Estimate of Income from Miscellaneous Fines for 1889-90 be sanctioned at Rs. 8,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5596. "That the Estimate of Income from Miscellaneous Receipts for 1889-90 be sanctioned at Rs. 80,000, as detailed below :—

| | | |
|---|---|---|
| Rent of Health Department Chawls | Rs. | 14,500 |
| „ Dhobiwada and Shops | „ | 11,500 |
| „ Milch Cattle Stables | „ | 13,026 |
| „ Land, Tanks, &c. | „ | 20,000 |
| „ Police and Fire Brigade Quarters | „ | 13,600 |
| Sundry Receipts | „ | 7,374 |
| | Rs. | 80,000" |

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusji, Esq.—

"That the Estimate of Income from Miscellaneous Fees for 1889-90 be sanctioned at Rs. 94,700, as detailed below :—

No. 5597.

| | | |
|---|---|---|
| Health Department Fees— | | |
| Licenses ..... | Rs. 30,000 | |
| Removing and skinning dead animals.. | „ 12,000 | |
| Grave digging ..... | „ 4,000 | |
| | | Rs. 46,000 |
| Engineer's Department— | | |
| Building fees (galleries, rewas, scaffolding and weather frames) ..... | Rs. 21,000 | |
| Opening roads and footpaths for cleaning of drains..... | „ 5,500 | |
| Sundry fees ..... | „ 500 | |
| | | Rs. 27,000 |
| Assessment and Collection Department— | | |
| Notice, Warrant, Batakee and sundry fees ..... | ..... | Rs. 6,400 |
| Police Commissioner's Department— | | |
| Music fees..... | Rs. 9,890 | |
| Road occupying fees ..... | „ 3,069 | |
| Sundry fees ..... | „ 2,341 | |
| | | Rs. 15,300 |
| | Total... | Rs. 94,700" |

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Estimate of Income from Miscellaneous Savings for 1889-90 be sanctioned at Rs. 3,000."

No. 5598.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Estimate of Income from Public Gardens for 1889-90 be sanctioned at Rs. 8,000."

No. 5599.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That the Estimate of Income from Tramway Rent for 1889-90 be sanctioned at Rs. 36,000."

No. 5600.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That the Estimate of Receipts from Investments for the year 1889-90 be sanctioned as follows :—

No. 5601. Interest on the Building Fund Investments, Rs. 24,000 ; Interest on the 7-lakhs Sanitary Works Loan Deposit Account, Rs. 4,000 ; Interest on the 12-lakhs Drainage and Water Works Loan Deposit, Rs. 12,000 ; Interest on the Surplus Cash Deposit account, Rs. 10,000 : total Rs. 50,000."

*Carried.*

Proposed by Dosabhoy Framji, Esq., seconded by Javerilal Umiashanker Yajnik, Esq.—

"That the Estimate of total Income for the year 1889-90 be sanctioned at Rs. 49,20,200, and inclusive of

No. 5602. the opening Cash Balance of Rs. 4,50,000, at Rs. 53,70,200."

*Carried.*

This concluded the business of the Income side of the estimates, and the President, with the consent of the meeting, adjourned the proceedings till Wednesday, the 9th instant, at 3 P.M., and proceeded with the business of the second meeting.

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BOMBAY, *7th January* 1889.

AT a Meeting of the Corporation held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M. ; THOMAS BLANEY, Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DAMODAR THAKERSI MULJI, Esq. ; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq. ; EKNATH RAGHUNATH NARAYAN KHOTE, Esq. ; FAZULBHOY VISRAM, Esq. ; EDWIN RICHARD FREEBORN, Esq. ; GRATTAN GEARY, Esq. ; REGINALD GILBERT, Esq., JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAVASJI MEHERWANJI SHROFF, Esq. ; MAJOR GERALD MARTIN ; COLONEL G. L. C. MEREWETHER, E.R. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC C.L.E. ; MULJI ; BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. NAOROJI BEIRAMJI SUNTOOK, Esq. ; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. ; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA ; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; REHEMUBHAI ALLANA, Esq. ; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq. B.A. LL.B. ; DR. RASTAMJI NASARVANJI KHORY, M.D., M.R.C.P. ; MAJOR H. O. SELBY, R.E. ; SHIVJI DHURMAJI, Esq. ; TRIBHOWANDS VURJEEWANDAS, Esq. ; VENAYEKRAO RAMCHUNDER LUXUMONJEE, Esq. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

Proposed by Captain Sir Henry Morland, seconded by Raghunath Narayan Khote, Esq.—

"That the following be *recorded* :—

No. 4417 of 1888. GENERAL DEPARTMENT,

BOMBAY CASTLE, 12*th December* 1888.

Resolution of Government.

His Excellency the Governor in Council is pleased to appoint M. R. Wyer, Esq., to be a member of the Municipal Corporation of the City of Bombay.

J. DEC. ATKINS,
Under Secretary to Government."

*Carried.*

Sir Henry Morland moved that priority be given to notice of motion proposed by himself on the subject of the two Reservoirs.

This was seconded by the Hon'ble. Mr. Pherozeshah M. Mehta, and, with the consent of the meeting, the President gave priority to the motion.

Proposed by Captain Sir Henry Morland—

No. 5603. "That the Municipal Commissioner be authorized to lay all the papers in connection with the Malabar Hill and John Hay Grant Reservoirs before Sir John Fowler, K.C.M.G., in view to consulting with that eminent Civil Engineer during his present visit to India, to consider their conditions and the steps which it is most desirable for the Corporation to take in regard to this matter."

Javerilal Umiashankar Yajnik, Esq., seconded the motion.

On the suggestion of Major Martin, the following words were added to the motion :—

"That it be left to the Commissioner and the Standing Committee to settle the honorarium to be given to Sir John Fowler."

The motion, as thus amended, was *carried.*

Proposed by Colonel Merewether, seconded by Dosabhai Framji, Esq.—

No. 5604. "That letter No. 5530, dated 21st December 1888, from the Municipal Secretary, reporting the Budget transfers sanctioned by the Standing Committee up to the 19th idem be *recorded.*"

SIR,—I have the honour to inform you that, under the provision of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget trans-

fers sanctioned by them up to 19th December 1888, Rs. 4,413-4-6, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings (1) Rs. 2,204, in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget ; and (2) of Rs. 1,209-4-6 in Section X., Halalkhor Branch, B, Labour, same head, same Budget, to Section II., Labour, including feed of cattle, same head, same Budget ... ... ... ... ... ... | 3,413 | 4 | 6 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to Section III., Contingencies, for extinguishing fires, same Budget, to meet the excess of Rs. 62-5-10, over the grant for contingencies and such further expenditure as may be incurred up to the end of the current financial year ... ... ... ... ... | 1,000 | 0 | 0 |
| Total...Rs. | 4,413 | 4 | 6 |

H. WYNFORD BARROW, Municipal Secretary."

*Carried.*

Proposed by Colonel Merewether, seconded by Captain Sir Henry Morland—

No. 5605. "That, as recommended by the Standing Committee, sanction be given to the construction of additional catchwater channels at Vehar at a cost of Rs. 3,600, chargeable to Revenue, and subject to sanction being given to the raising of the necessary Loan by the Government of India, to the extension of the catchwater channels at Tulsi, at a cost of Rs. 20,000."

*Carried.*

Shortly after 5 o'clock, the meeting was adjourned and the President fixed Wednesday, the 9th instant, at 3-5 P.M., for the adjourned meeting.

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BOMBAY, *9th January* 1889.

AT the adjourned Meeting of the Corporation (originally called for the 7th idem for the consideration of the Budget Estimates), held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LLB. ; THOMAS BLANEY, Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq. ; G. COTTON, Esq. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; PHILLIP CLEMENT DESOUSA, Esq., L.M. ; DOSABHAI FRAMJI Esq., C.S.I. ; J. R. DUXBURY, Esq. ; EKNATH RAGHUNATH NARAYEN KHOTE, Esq. ; FAZULBHOY VISRAM, Esq. ; EDWIN RICHARD, FREEBORN, Esq. ; GRATTAN GEARY, Esq. ; REGINALD GILBERT, Esq. ; HORMUSJEE DADABHOY, Esq. ; JALBHOY ARDASEER SETT, Esq. ; JAMSHEDJEE PALLONJEE KAPADIA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; JAHANGHIR BYRAMJEE MURZBAN, Esq. ; KAVASJI DADY LIMJI, Esq. ; KAVASJI MEHERWANJI SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NANABHOY B. JEEJEEBHOY, Esq. ; NAOROJI BEIRAMJI SUNTOOK, Esq ; THE HON'BLE MR. PHEROZESHAH

MERWANJEE METHA; LIEUTENANT-COLONEL A. B. PORTMAN; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D. M.R.C.P. (Lond.); MAJOR H. O. SELBY, R.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq. C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the Meetings held on the 7th instant, was postponed.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5633. "That sanction be given to the Budget Estimate of Expenditure for the year 1889-90, for the Corporation and Standing Committee's Establishment at Rs. 48,108, (as per detailed statement No. 3), including the appointment of an office manager on a salary of Rs. 150 per mensem, rising to Rs. 200 by annual increments of Rs. 20 per month."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Surgeon-Major Waters—

No. 5634. "That the Budget Estimate of Expenditure for the year 1889-90 for the Municipal Commissioner's Establishment, including cost of law charges and printing Municipal Voters' Lists (as per detailed statement No. 4), amounting to Rs. 77,669, be sanctioned by the Corporation.

"That the President be asked to inform Government that the Corporation are prepared to give their approval to Mr. Ollivant's salary being raised to Rs. 3,000 per mensem."

Major Selby raised the point of order whether the second para. of this Resolution was in order?

The President ruled that the paragraph was in order.

*Amendment* moved by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

"That the salary of the Municipal Commissioner for the year 1889-90 be passed at Rs. 2,500 per mensem, being a total of Rs. 30,000 per annum.

"That the total grant for the Commissioner's Establishment and for general charges be sanctioned at Rs. 71,669."

On a division, there were 11 votes for the *amendment* and 21 for the original motion.

A poll was demanded by Messrs. Thomas Blaney, Javerilal U. Yajnik, E. Freeborn, Shivji Dharmaji, and C. F. Underwood.

The President appointed the Hon. Mr. P. M. Mehta and Mr. Rehemubhai Allana as tellers for the amendment and Major Selby and Colonel Merewether as tellers for the original motion.

The President announced that the result of the poll was that there were 22 votes for the original motion, which was *carried*, and 10 votes for the amendment, which was *lost*.

The division list is as follows :—

*Against the Amendment.*

BYRAMJEE NUSSERWANJEE SERVAI ; G. COTTON ; PHILLIP CLEMENT DESOUZA ; DOSABHAI FRAMJI ; FAZULBHOY VISRAM ; GRATTAN GEARY ; REGINALD GILBERT ; JALBHOY ARDASEER SETT ; JEHANGHIR BYRAMJEE MURZBAN ; KAVASJEE DADY LIMJEE ; G. L. C. MEREWETHER ; HENRY MORLAND ; MULJI BHAWANIDAS BARBHAYA ; MUNCHERJEE NOWROJEE BANAJEE ; NANABHOY B. JEEJEEBHOY ; PHEROZESHAH MERWANJEE MEHTA ; A. B. PORTMAN ; RAGHUNATH NARAYEN KHOTE ; RAHEMUBHAI ALLANA ; RUSTOMJI DHUNJEEBHOY SETHNA ; C. F. UNDERWOOD ; G. WATERS.—22 Votes.

*For the Amendment.*

ABDULLA MEHERALLI DHARAMSI ; THOMAS BLANEY ; COWASJEE HORMUSJEE ; EKNATH RAGHUNATH NARAYAN KHOTE ; EDWIN RICHARD FREEBORN ; JAMSHEDJEE PALLONJEE KAPADIA ; JAVERILAL UMIASHANKAR YAJNIK ; NAOROJI BEIRAMJI SUNTOOK ; H. O. SELBY ; SHIVJI DHURMAJI.—10 Votes.

The President adjourned this Meeting till 3 P. M. on Friday, the 11th instant.

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*9th January* 1889.

The adjourned Meeting originally called for the 7th instant, and adjourned from that date until to-day, was further adjourned until 5 minutes past 3 on Friday, the 11th instant, as the business of the Budget meeting had not concluded when the members separated.

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BOMBAY, *11th January* 1889.

AT the adjourned meeting of the Corporation (originally called for the 7th instant and adjourned from the 9th idem), for the consideration of the Budget Estimates, held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.

THOMAS BLANEY, Esq. ; BOMONJEE PESTONJEE MASTER, Esq. ; BYRAMJEE NUSSERWANJEE SERVAI, Esq. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DAMODAR THAKERSI MULJI, Esq. ; PHILLIP CLEMENT DESOUZA, Esq., L.M. ; DOSABHAI FRAMJI, Esq., C.S.I. ; J. R. DUXBURY, Esq. ;

EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAVASJI DADY LIMJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJEE, Esq.; TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the two meetings held on the 7th and of the Budget meeting held on the 9th instant, and of the record of the adjourned meeting called for the 9th idem, was postponed.

A letter was received from Major Selby, stating that business prevented his attending the meeting.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of expenditure for the year 1889-90 for the Chief Accountant's Department, including Audit, Account and Stores Departments (as per detailed statement No. 5), amounting to Rs. 53,760, be sanctioned by the Corporation."

No. 5638.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Dr. Rastamji Nasarvanji Khory—

"That the Budget Estimate of expenditure for the year 1889-90, for the Assessment and Collection Department, including the cost of collecting Town duties and Tobacco duties (as per detailed statement No. 6), amounting to Rs. 2,00,353, be sanctioned by the Corporation."

*Amendment*, moved by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Budget Estimate of expenditure for the year 1889-90, for the Assessment and Collection Department, including the cost of collecting Town duties and Tobacco duties (as per detailed statement No. 6), be passed at Rs. 2,00,353, *less* Rs. 5,000 for Land Conveyance Licenses."*

No. 5639.

* *Note.*—It was agreed that the consideration of the grant for the cost of collecting the fees from Land Conveyance Licenses, including contingencies, be deferred until the question of the actual charges for collection has been settled with Government.

On a division, the *amendment* was *carried* as the substantive proposition.

Proposed by Dosabhai Framji, Esq., seconded by Sir Henry Morland—

No. 5640. "That the Budget Estimate of expenditure for the year 1889-90, for the Fire Brigade (as per detailed statement No. 7), amounting to Rs. 86,738 be sanctioned by the Corporation."

*Carried.*

Read letter to the Municipal Secretary, dated Bombay, 8th instant, from Mr. Mulji Bhowanidas Barbhaya, Solicitor, as follows :—

With reference to your letter No. 5008 of 1888-89, dated the 23rd October last, addressed to Mr. J. R. Thomson, I am instructed on his behalf to state that the Budget for the year 1889-90 is now being considered by the Municipal Corporation, and that he, my client, shall feel obliged by your informing me whether provision has been made therein for the costs of construction of a new market at Foras Road. I have read the said Budget ; but I cannot lay my hands on any item providing for the aforesaid costs. I may say that if such costs are not provided for, the result will be that the Municipal Commissioner will not be able to construct any market in the ensuing official year, and the rate-payers and residents of Falkland Road, Ripon Road, Bellasis Road, Gilder Street, and other adjoining localities will not be relieved of their long-felt inconvenience for want of a market. An early answer will oblige.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5641. "That the Budget Estimate of expenditure for the year 1889-90, for the Public Health Department, including supervision, conservancy, markets and slaughter houses, registration of births and deaths, cemeteries, laboratory, dhobi lines, conveyance of infected persons and disinfection, milch cattle stables, tank conservancy and vaccination (as per detailed statement No. 8), amounting to Rs. 12,84,257, be sanctioned by the Corporation.

"That the salary of Mr. Leask, the Assistant Health Officer, be sanctioned at Rs. 700 per mensem, raising by annual increments of Rs. 50 to Rs. 900 per mensem."

The following *rider*, proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., was accepted as part of the original motion :—

"Provided that no money be extended on the purchase of the five per cent. increase of reserve bullocks, or on

the cost of increase scale of fodder, until the report of the Committee appointed on 21st June 1888, has been presented to, and considered by, the Corporation."

The motion, as thus amended, was *carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5642. "That the Budget Estimate of expenditure for the year 1889-90, for the Executive Engineer's Department, including lighting, road watering and repairs, repairs to Municipal buildings, Water Works, Drainage, improvement of streets, and cleaning, lighting and repairing Port Trust wharves (as per detailed statement No. 9), amounting to Rs. 13,72,210, be sanctioned by the Corporation."

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Sir Henry Morland—

No. 5643. "That the Budget Estimate of expenditure for the year 1889-90, for the maintenance of Public Gardens (as per detailed statement No. 10), amounting to Rs. 60,375, be sanctioned by the Corporation."

*Amendment*, moved by Thomas Blaney, Esq., seconded by Bomonji Pestonji Master, Esq.—

"That the grant for establishment for the Malabar Hill gardens and the garden on the Flats be deferred, pending a report explaining the circumstances under which these gardens were provided, and the authority for their construction; as also the cost, and how this cost has been debited."

On a division, the votes were recorded as under :—

| | *For* | *Against* | |
|---|---|---|---|
| Amendment ... ... ... ... | 2 | 17 | *Lost.* |
| Original motion ... ... ... | 18 | 0 | *Carried.* |

Read the following :—

No. 78 OF 1889, GENERAL DEPARTMENT.

BOMBAY CASTLE, *8th January* 1889.

TO THE HON'BLE RAHIMTULA MOHAMED SAYANI,

Chairman of the Municipal Corporation, Bombay.

SIR,—With reference to your letter No. 3838, dated 15th August, forwarding a memorial to Her Majesty's Secretary of State for India, on the subject of the period for the repayment of the Tansa Water Works, I am directed to forward herewith for the information of the

Corporation copy of a letter No. 6675, dated 15th ultimo, received from the Government of India on the subject.—I have, &c., J. DE C. ATKINS, Under-Secretary to Government.

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No. 6675, GOVERNMENT OF INDIA.

*Department of Finance and Commerce, Accounts and Finance.*

CALCUTTA, *the 15th December* 1888.

TO THE CHIEF SECRETARY TO THE GOVERNMENT OF BOMBAY, GENERAL DEPARTMENT.

SIR,—I am directed to acknowledge the receipt of your letter No. 3444, dated the 1st October 1888, and of the Memorial from the Municipal Corporation of Bombay therewith forwarded, appealing against the orders of the Government of India limiting to forty years the period within which the two loans of Rs. 17,00,000 and Rs. 30,00,000 raised by that body in the open market, as well as any other loans which it may be necessary to raise in future for the Tansa Water scheme, should be repaid.

2. In reply I am to explain that the orders of the Government of India directed that the annual payments to the Sinking Fund for the redemption of these loans should be calculated on the basis of their repayment in forty years. In other words, the condition was prescribed that at the end of forty years the Corporation should be in possession of funds from the investment of which the interest on the loans could be met until their maturity. There was no intention of interfering with the contract between the Corporation and the public. On reconsideration, however, the Government of India has decided to withdraw the condition imposed in the letter from this Department No. 3978, dated the 21st July 1888, so far as it relates to the repayment of these two loans, and to permit the payments to the Sinking Fund in their case only to be calculated on the basis of a sixty years' term. I am to request that the Municipal Corporation may be informed accordingly, and also that their memorial has been transmitted to Her Majesty's Secretary of State for India.—I have, &c., E. J. SINKINSON, Offg. Secretary to the Government of India.

Copy forwarded to the Home Department and the Accountant-General's Office, Bombay, for information, in continuation of the endorsement from this Department No. 3978, dated the 21st July 1888.—By order, J. E. O'CONOR, Assistant Secretary to the Government of India.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherji N. Banaji, Esq.—

No. 5644. "That the Budget Estimate of expenditure for the year 1889-90 for the several public loans, sinking funds and interest thereon (as per detailed statement No. 11) amounting to Rs. 15,20,928, be sanctioned by the Corporation."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 3645. "That the Budget Estimate of expenditure for the year 1889-90 for pensions and gratuities and compassionate allowances (as per detailed statement No. 12) amounting to Rs. 23,000, be sanctioned by the Corporation."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5646. "That the Budget Estimate of expenditure for the year 1889-90 for Police charges (as per statement No. 2 and margin thereof), amounting to Rs. 2,58,289, be sanctioned by the Corporation."

| | | | |
|---|---|---|---|
| | | Rs. | 3,58,752 |
| *Less*—Charges transferred to the Municipality— | | | |
| Queen's Statue Lighting | Rs. 1,120 | | |
| Maintenance | „ 343 | | |
| | Rs. 1,463 | | |
| Victoria and Albert Museum Establishment | Rs. 8,587 | | |
| Maintenance | „ 413 | | |
| | | 9,000 | |
| | | | 10,463 |
| | | Rs. | 3,48,289 |
| *Less*—Government contribution | | „ | 90,000 |
| | Total.. | Rs. | 2,58,289 |

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiahshankar Yajnik, Esq.—

"That the Budget Estimate of expenditure for the year 1889-90, towards the cost of education (as per statement No. 2 and margin thereof), amounting to Rs. 58,061, be sanctioned by the Corporation."

| | | |
|---|---|---|
| Primary Education | Rs. | 22,500 |
| Addi ion ditto recommended by the Director of Public Instruction | Rs. | 8,874 |
| Medical Female Scholarships | „ | 1,000 |
| | Rs. | 32,374 |
| School for Deaf-mutes | „ | 1,800 |
| | Rs. | 34,174 |
| Veterinary College | „ | 2,500 |
| Victoria and Albert Museum | „ | 11,387 |
| Technical Institute | „ | 10,000 |
| Total... | Rs. | 58,061 |

In accordance with notice of motion, the following amendment was proposed by Thomas Blaney, Esq., seconded by Grattan Geary, Esq.—

"That the grant for education of Rs. 58,061, as per margin, as now proposed in the Budget, be increased to Rs. 78,061, and that the increase of Rs. 20,000 be granted to the Joint Schools Committee for the purpose of primary education in addition to the existing grant of Rs. 31,374."

*Second amendment:* moved by the Hon'ble Mr. Pherozshah M. Mehta, seconded by Dr. Khory—

"That the grant for education, including new Veterinary College, Victoria and Albert Museum, and the Technical Institute, be sanctioned as stated in the original proposition, and that the question of granting an increase of Rs. 20,000 be deferred until a report from the Joint Schools Committee has been received and considered by the Corporation."

Shortly after 5 o'clock it was agreed, on the motion of Colonel Merewether, that the meeting do now adjourn.

The President fixed Monday, the 14th instant, at 3 P.M., for the next meeting.

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BOMBAY, 11*th January* 1889.

THE adjourned meeting originally called for the 7th instant, and adjourned from the 9th idem, was not proceeded with as the business of the Budget meeting had not concluded. The President further adjourned this meeting till 5 minutes past 3 on Monday, the 14th instant.

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BOMBAY, 14*th January* 1889.

AT the adjourned Meeting of the Corporation (originally called for the 7th instant, and adjourned from the 11th idem) for the consideration of the Budget Estimates, held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; G. COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KARSANDASS VALLABHDASS, Esq.; KAVASJEE DADY LIMJEE, Esq.; KAVASJEE MERWANJEE SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJEE BEIRAMJEE SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDASS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJEE DHURMAJEE, Esq.; TRIBHOWANDAS MUNGALDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDASS, Esq.; C. F. UNDERWOOD, Esq., M.D., F.R.M.S.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on 7th and 9th instant, and the record of the meeting called for 9th idem, were signed.

The signing of minutes of the meeting held on the 11th instant, and the record of the meeting called for the same day, was postponed.

Considered again the following:—

"Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Budget Estimate of expenditure for the year 1889-90 towards the cost of Education (as per detailed statement No. 2 and margin thereof) amounting to Rs. 58,061, be sanctioned by the Corporation."

"*First amendment:* proposed by Thomas Blaney, Esq., seconded by Grattan Geary, Esq.—

"That the grant for Education of Rs. 58,061, as now proposed in the Budget, be increased to Rs. 78,061, and that the increase of Rs. 20,000 be granted to the Joint Schools Committee for the purpose of primary education, in addition to the existing grant of Rs. 31,374."

"*Second amendment:* moved by the Hon'ble Mr. Pherozshah M. Mehta, seconded by Dr. Khory—

"That the grant for Education, including new Veterinary College, Victoria and Albert Museum and the Technical Institute, be sanctioned as stated in the original proposition, and that the question of granting an increase of Rs. 20,000 be deferred until a report from the Joint Schools Committee has been received and considered by the Corporation."

With the permission of the President and the consent of the meeting, this amendment was *withdrawn.*

*Amendment,* moved by Jamshedji P. Kapadia, Esq., seconded by K. M. Shroff, Esq.—

No. 5651. "That the Budget Estimate of expenditure for the year 1889-90, towards the cost of Education (as per detailed statement No. 2 and margin thereof,) amounting to Rs. 58,061, be sanctioned by the Corporation.

| | | |
|---|---|---|
| Primary Education | Rs. | 22,500 |
| Addition ditto recommended by the Director of Public Instruction | Rs, | 8,874 |
| Medical Female Scholarships | „ | 1,000 |
| | Rs. | 32,374 |
| School for Deaf-mutes | „ | 1,800 |
| | Rs. | 34,174 |
| Veterinary College | „ | 2,500 |
| Victoria and Albert Museum | „ | 11,387 |
| Technical Institute | „ | 10,000 |
| Total.. | Rs. | 58061. |

"That the consideration of the additional grant of Rs. 20,000 for primary education be postponed, and that the Joint Schools Committee be requested to frame their demands in accordance with the provisions of the Act."

On a division, the *amendment* moved by Mr. Jamshedji P. Kapadia was *carried* as the substantive motion *nem. con.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Estimate of expenditure for the year 1889-90 for Hospitals (as per statement No. 2 and margin thereof) amounting to Rs. 45,108, be sanctioned by the Corporation."

*Amendment*, moved by Cowasjee Hormusjee, Esq. (in accordance with notice of motion)—

"That the grant for Hospitals, &c., of Rs. 45,108, as now proposed in the Budget, be increased to Rs. 50,000, and that the increase of Rs. 5,000 be devoted towards the maintenance of the Bombay Municipal Eye and Ear Infirmary, as an annual grant.

"That the Budget grant for Hospitals be sanctioned at Rs. 50,108."

The *amendment* was seconded.

*Amendment*, moved by the Hon'ble Mr. Pherozshah M. Mehta, seconded by Dr. Khory.—

No. 5652. "That the Estimate of expenditure for the year 1889-90, for Hospitals (as per statement No. 2, and margin thereof) amounting to Rs. 45,108, be sanctioned by the Corpoation."

| | Rs. |
|---|---|
| Gokuldas Tejpal Hospital | 36,000 |
| Establishment for proposed Small-Pox and Cholera Hospital | 3,108 |
| Jaffer Sulliman Despensary for women and children | 6,000 |
| Rs... | 45,108 |

"The Corporation consider that the application for the grant of Rs. 5,000, for the Eye and Ear Infirmary should, in the first instance, be made to the Standing Committee."

The *amendment* moved by Mr. Cowasjee Hormusjee was *withdrawn* in favour of the amendment proposed by the Hon'ble Mr. Pherozeshah M. Mehta, which, on being put to the vote, was *carried nem. con.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of expenditure for the year 1889-90, for Discretional Contingencies (as per statement No. 2), amounting to Rs. 7,000, be sanctioned by the Corporation."

No. 5653.

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Dr. R. N. Khory—

No. 5654. "That the Budget Estimate of expenditure for the year 1889-90, for Auditor's allowance (as per statement No. 2) be sanctioned at Rs. 8,000."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5655. "That the Budget Estimate of expenditure for the year 1889-90 for rent of Municipal Office (as per statement No. 2), be sanctioned at Rs. 16,800."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Surgeon-Major Waters—

No. 5656. "That the Budget Estimate of expenditure for the year 1889-90, for Elections expenses (as per statement No. 2), be sanctioned at Rs. 500."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5657. "That the Budget Estimate of expenditure for the year 1889-90 for Municipal Buildings Fire Insurance Fund (as per statement No. 2), be sanctioned at Rs. 3,000."

*Carried.*

At 5 o'clock the Corporation adjourned, and the President fixed Wednesday, the 16th instant, at 3 P.M., for the adjourned meeting.

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BOMBAY, 14*th January* 1889.

The meeting originally called for the 7th instant, and adjourned from 11th idem to this date, was further postponed by the President until Wednesday, the 16th instant, at 5 minutes past 3.

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BOMBAY, 16*th January* 1889.

AT the adjourned meeting of the Corporation (originally called for the 7th instant, and adjourned from the 14th *idem*), *for the consideration of the Budget estimates, held this day, there were present :—*

*THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DAMODAR THAKERSI

MULJI, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; EKANATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.; M. R. WYER, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the Budget meetings held on the 11th and 14th instant, and the record of the adjourned meeting called for same date, was postponed.

A letter was received from Mr. Dosabhai Framji, stating that he will be absent from Bombay for about six weeks.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved:* "That the expenditure for the year 1889-90, exclusive of New Works and Building Fund Reserve, be sanctioned at Rs. 51,19,156."

No. 5666.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the grant for new works included in detailed statement No. 13, be sanctioned at Rs. 1,00,000."

No. 5667.

The following notice of motion in reference to this proposal, given by Mr. Javerilal Umiashankar Yajnik, was *withdrawn*:—

(1). That the amount to be set aside from current revenue on account of new works be two lakhs instead of one lakh during the Budget year.

(2). That, in no year should the sum to be borrowed by loans for works of local utility exceed four lakhs.

The original motion was *carried*.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved:* "That the list of new works be considered *seriatim*."

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That sanction be given to the expenditure of Rs. 5,000 (as per detailed statement No. 13 A), for construction of new miscellaneous drains. The

No. 5668.

cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Mahomed Hussein Hakim, Esq.—

No. 5669. "That sanction be given to the expenditure of Rs. 6,230, (as per detailed statement No. 13 A), for connection of Parel Road storm-water drain at Pydhowni with Abdool Rahiman Street drain. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5670. "That sanction be given to the expenditure of Rs. 7,752, (as per detailed statement No. 13 A), for extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of Motishaw Temple. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5671. "That sanction be given to the expenditure of Rs. 4,888, (as per detailed statement No. 13 A), for filling in and pitching slope of portion of Haines Road, which forms the boundary of the Storm-water Reservoir. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Kavasji Dady Limji, Esq.—

No. 5672. "That sanction be given to the expenditure of Rs. 9,501 (as per detailed statement No. 13A), for construction of storm-water drain in Hornby Road, from the northern end of the Victoria Railway Terminus to Bazar Gate Street. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That sanction be given to the expenditure of Rs. 5,835,

No. 5673. (as per detailed statement No. 13 A), for construction of storm-water drain from hollow part of Charni Road at back of Dharmasalla to Falkland Road Drain. The cost to be debited to the provision out of current revenue of one lakh of rupees for news works."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to the expenditure of Rs. 3,064

No. 5674. (as per detailed statement No. 13 A), for construction of side water entrances in Kamathipura. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to the expenditure of Rs. 446

No. 5675. (as per detailed statement No. 13 A), for construction of water entrances at junction of Kavasjee Patel Tank Road and Kika Street. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Mahomed Hussein Hakim, Esq.—

"That sanction be given to the expenditure of Rs. 1,133

No. 5676. (as per detailed statement No. 13A), for providing water tables to Kamathipura 2nd Street, east of Bazar Road. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Thomas Blaney, Esq.—

"That sanction be given to the expenditure of Rs. 1,100

No. 5677. (as per detailed statement No. 13A), for altering connection of main drain with main sewer at Bellasis Bridge. The cost to be debited to the provision

out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Thomas Blaney, Esq.—

No. 5678. "That sanction be given to the expenditure of Rs. 3,000 (as per detailed statement No. 13A), for street numbers, tinplates, &c. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5679. "That sanction be given to the expenditure of Rs. 4,150 (as per detailed statement No. 13A), for extension of retaining wall, Walkeshwar Road. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq.—

No. 5680. "That sanction be given to the expenditure of Rs. 2,245 (as per detailed statement No. 13A), for constructing masonry culvert for the Agripada drain under the new road near Clerk Road Bridge. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5681. "That sanction be given to the expenditure of Rs. 220 (as per detailed statement No. 13 A), for covering the water supply tanks of the new latrines at the Arthur Crawford Market and in Cursetji Sooklaji Street. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

Proposed by Colonel Merewether, seconded by Kavasji Dady Limji, Esq.—

No. 5682. "That sanction be given to the expenditure of Rs. 5,612 (as per detailed statement No. 13A), for construction of new night-soil depôt at the junction of DeLisle and Carroll Roads. The cost to be debited to

the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5683. "That sanction be given to the expenditure of Rs. 8,280 (as per detailed statement No. 13A), for metalling with tarred road metal the Health Department Stable at Paltan Road. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5684. "That the sanction be given to the expenditure of Rs. 14,220 (as per detailed statement No. 13A), for construction of new latrines and urinals. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Thomas Blaney, Esq.—

No. 5685. "That sanction be given to the expenditure of Rs. 1,824 (as per detailed statement No. 13A), for constructing additional storey over porch of bungalow at the Bandora Slaughter Houses. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5686. "That sanction be given to the expenditure of Rs. 6,500 (as per detailed statement No. 13A), for fixing fire hydrants in various places. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5687. "That sanction be given to the expenditure of Rs. 9,000, for constructing concrete trench at the wing walls, Tulsi waste weir. The cost to be debited to the provision out of current revenue of one lakh of rupees for new works."

Proposed by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq.—

No. 5688. "That the Budget estimate of expenditure for the year 1889-90, for Municipal Building Fund Reserve (as per statement No. 13), be passed at Rs. 24,000."

*Carried.*

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5689. "That the total expenditure for the year 1889-90, including grant for new works chargeable to revenue and Municipal Building Fund Reserve, be sanctioned at Rs. 52,43,156."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., and Kavasji Dady Limji, Esq.—

No. 5690. "That the expenditure for the year 1889-90, including the closing balance of Rs. 1,27,044, be sanctioned at Rs. 53,70,200, subject to such decision as may become hereafter by the Corporation regarding the Land Conveyance Licensing charges, the question of the enhanced cost of Primary Education and the Joint Schools Committee's Establishment, and application for contribution towards the Eye and Ear Infirmary, and subject also to such alterations as may be decided upon on consideration of the schedule to be presented by the Municipal Commissioner under Section 79."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5691. "That the anticipated balance on account of Loan Works and Loan Works Establishment Fund for the year 1889-90 (as per detailed statement No. 14), be sanctioned at Rs. 33,11,533-7-5, namely :—

*Anticipated balance on 1st April 1889.*

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| 44 Lakhs Sanitary Works Loan ... | 6,44,166 | 3 | 2 | | | |
| Tansa Water Works Loan, 72 lakhs (17×30×25) ... ... ... ... | 13,21,800 | 0 | 0 | | | |
| 7 Lakhs Sanitary Works Loan ... ... | 20,000 | 0 | 0 | | | |
| Queen's Road Sewerage and Frere Road Main Loan of 12 lakhs ... ... | 8,35,214 | 10 | 0 | | | |
| Loan of 1888-89 for Drainage, Water Works, Markets and Roads ... ... | 4,51,117 | 0 | 0 | | | |
| Loan Works Establishment Fund ... | 39,235 | 10 | 3 | | | |
| | | | | 33,11,533 | 7 | 5 |

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5692. "That the estimated income from loans to be raised in 1889-90 (as per detailed statement No. 14), be sanctioned at Rs. 29,00,000, namely:—

*To be raised in* 1889-90.

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| Tansa Water Works Loan ... ... | 25,00,000 | 0 | 0 | | | |
| Loan to be raised in 1889-90 for House Sullage Water Connection, Agripada and Bhuleshwar Market Extension ... ... ... ... | 4,00,000 | 0 | 0 | | | |
| | | | | 29,00,000 | 0 | 0" |

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5693. "That the estimated expenditure on account of works to be paid for during 1889-90 from the 44 lakhs Sanitary Works Loan, including cost of Establishment (as per detailed statement No. 14), be sanctioned at Rs. 2,52,295-14-11, namely—

| Expenditure. | Establishment. | | | Works. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| First Drainage Section—House sullage water connections without privy fittings... ... | 1,500 | 0 | 0 | 2,00,000 | 0 | 0 | 2,01,500 | 0 | 0 |
| Automatic flushers at heads of gullies ... ... ... ... | ..... | | | 5,570 | 0 | 0 | 5,570 | 0 | 0 |
| Two more pumping engines, &c. | ..... | | | 1,161 | 14 | 3 | 1,161 | 14 | 3 |
| House sullage water connections, Kamatipura ... ... ... | ..... | | | 35,377 | 13 | 10 | 35,377 | 13 | 10 |
| Survey of pipe sewers ... ... | ..... | | | 5,113 | 0 | 0 | 5,113 | 0 | 0 |
| Ovoid sewer across Old Race Course ... ... ... ... | ..... | | | 3,573 | 2 | 10 | 3,573 | 2 | 10 |
| | 1,500 | 0 | 0 | 2,50,795 | 14 | 11 | 2,52,295 | 14 | 11" |

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5694. "That the estimate of expenditure on account of works to be paid for during 1889-90 from the 7 lakhs Sanitary Works Loan of 1888, including cost of establishment (as per detailed statement No. 14), be sanctioned at Rs. 21,000."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5695. "That the estimated expenditure on account of works to be paid for during 1889-90 from the Tansa Loan, including cost of establishment (as per detailed statement No. 14), be sanctioned at Rs. 29,86,000."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5696. "That the estimate of expenditure on account of works to be paid for during 1889-90 from the loan of 12 lakhs for Queen's Road sewerage and Frere Road main, including cost of establishment (as per detailed statement No. 14), be sanctioned at Rs. 5,29,640."

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5697. "That the estimated expenditure on account of works to be paid for during 1889-90 from the loan of 1888-89 for drainage, water works, markets and roads, including cost of establishment (as per detailed statement No. 14), be sanctioned at Rs. 4,51,117, namely—

*Loan of* 1888-89 *for Drainage, Water Works, Markets and Roads.*

| Expenditure. | Establishment. | Works. | Total. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Extension of Parel storm-water drain to Shepherd Road ... ... ... ... | 1,440 | 32,302 | 33,742 |
| Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road ... | 1,260 | 22,176 | 23,436 |
| 9″ Pipe sewers from Bellasis Road, Foras Road and Gilder Street ... ... ... | 2,400 | 27,422 | 29,822 |
| Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street, including Rs. 11,205 for sewerage and drainage ... | 7,680 | 2,56,195 | 2,63,875 |
| New Market at Colaba ... ... ... | 3,240 | 47,060 | 50,300 |
| Arthur Crawford Market—Extension of Mutton Market ... ... ... ... | 3,000 | 46,942 | 49,924 |
| Total... | 19,020 | 4,32,097 | 4,51,117" |

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5698. "That the estimated expenditure on account of works to be paid for during 1889-90 from the loan of 4 lakhs to be raised in that year, including

cost of establishment (as per detailed statement No. 14), be sanctioned at Rs. 3,45,365, namely—

*Loan of* 4 *Lakhs to be raised in* 1889-90.

| Expenditure. | Establishment. | Works. | Total. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| House sullage water connections, Agripada... ... ... ... ... ... | 7,620 | 1,92,380 | 2,00,000 |
| Bhuleshwar Market extension ... ... | 1,520 | 1,43,845 | 1,45,365 |
| Total of works included in the Loan of 4 Lakhs of 1889-90... ... ... ... | 9,140 | 3,36,225 | 3,45,365" |

*Carried.*

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5699. "That the estimate of expenditure of establishment to be employed on different loan works during 1889-90 (as per detailed statement No. 14, pages 50 to 52 of the Budget), be sanctioned at Rs. 1,46,390."

*Carried.*

This concluded the business of the Budget meeting.

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BOMBAY, 16*th January* 1889.

The adjourned meeting originally called for the 7th instant was further adjourned to 3 P.M. on Monday, the 21st idem.

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BOMBAY, 21*st January* 1889.

AT the adjourned meeting of the Corporation (originally called for 7th instant and adjourned from the 16th idem), called for this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; KHAN BAHDUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

As there was not a sufficient number of Councillors present to form a quorum, the President adjourned the meeting to Monday, the 4th proximo, at 3 P.M.

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BOMBAY, 21*st January* 1889.

On the same occasion the President postponed the Meeting called for 23rd instant to 4th proximo, at 3-5 P.M.

BOMBAY, *4th February* 1889.

AT the adjourned meeting of the Corporation (originally called for 7th ultimo, and adjourned for want of a quorum from 21st idem,) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NUZZER MOHOMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTAMDAS MUNGULDAS NUTHOOBHOY, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); TRIBHOWANDAS MUNGALDAS NUTHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.
The MUNICIPAL SECRETARY.

The minutes of the adjourned Budget meetings held on the 11th, 14th and 16th ultimo, and the records of the minutes called for those days and for the 21st idem, were signed, as also the notification postponing the meeting called for 23rd January.

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5895. "That, as recommended by the Standing Committee, sanction be given to the payment of Rs. 90,000 from the Municipal Building Fund to meet the payment to Government for the site of the new Municipal Office at Bori Bunder.

"That sanction be also given to the sale of so much of the Building Fund securities as, together with available balances deposited to the credit of the Fund, will be sufficient to realize Rs. 90,000."

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Javerilal U. Yajnik, Esq.—

No. 5896. "That, as recommended by the Standing Committee, sanction be given, as a special case, to the payment of Rs. 3,272-7-6 to meet the proportionate cost of filling in, with material excavated from drainage works, the portion of tank at the Victoria Gardens, which was sold to the Rev. E. W. Clutterbuck, as the site for a chapel."

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee, Mr. Pestonjee Dajeebhoy be informed, in reply to his letter, dated 26th November 1888, that any complaint which he may wish to lodge on the subject should be made to the Corporation or to the Municipal Commissioner direct, and not by way of reference to a letter in a newspaper."*

No. 5897.

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Vandrawundas Purshotumdas, Esq.—

"That, as recommended by the Standing Committee, sanction be given, under the special circumstances of the case, to the putting in of a new connection to Mr. Gheesta's property at Nos. 180—90, Parel Road, Byculla, at the cost of the Municipality on condition that Mr. Gheesta withdraws all further claims in respect of this transaction."

No. 5898.

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That the return showing the number of new properties assessed, &c., for the quarter ending 30th September 1888, forwarded with the Acting Municipal Commissioner's letter No. 15629, dated 23rd November 1888, be *recorded*."

No. 5899.

*Carried.*

Proposed by Colonel Merewether, seconded by P. C. De Souza, Esq.—

"That the Health Officer's Report for the second quarter of 1888 be *recorded*."

No. 5900.

*Carried.*

In accordance with notice, Cowasjee Hormusjee, Esq., moved—

"That the President be requested to communicate with Government in order to ascertain the views of H. E. the Governor in Council as to whether it is necessary in the interests of public safety that the Police force of this city should be augmented, and that in the event of Government being of opinion that such increase is essential, the Corporation will be prepared to bear their share of the enhanced cost."

No. 5901.

* *See* Proceedings of the Standing Committee, dated 5th December 1888.

The motion was seconded by Vandrawundas Purshotumdas, Esq.

On a division, there were 9 votes *for* and 17 *against* the motion, which was *lost*.

Proposed by Colonel G. L. C. Merewether, seconded by Vandrawundas Purshotumdas, Esq.—

No. 5902. "That, as recommended by the Standing Committee, sanction be given to the payment of a further advance of Rs. 50,000 for the purchase of Water Works fittings and service pipes as per details contained in the Municipal Commissioner's letter No. 17152, dated 19th December 1888.

"The cost to be adjusted as the fittings are sold to private consumers."

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Mahomed H. Hakim, Esq.—

No. 5903. "That the consideration of the report from the Standing Committee regarding the repairs of the Malabar Hill and John Hay Grant Reservoirs be postponed pending receipt of report from Sir John Fowler on the subject."

*Carried.*

This concluded the business of the Budget meeting.

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BOMBAY, *4th February* 1889.

AT the meeting of the Corporation (originally called for 23rd ultimo and postponed by the President on 21st idem,) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.* THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JAMSETJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq, M.D., M.R.C.P. (London); TRIBHOWANDAS MUNGULDAS NUTHUBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The MUNICIPAL SECRETARY.

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5904. "That letter No. 5618, dated 9th instant, from the Municipal Secretary to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 9th ultimo, as under, be *recorded* :—

"SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them up to 9th January 1889; Rs. 782-4-8, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in Section 3, surveyors and draftsmen, Engineer's Budget, to meet the excess on the grant for the construction of a night-soil depôt at the south end of DeLisle Road ... ... ... ... ... ... ... | 421 | 0 | 0 |
| Transfer of Rs. 361-4-8, from Section II., Personal Establishment, Municipal Commissioner's Budget (Rs. 154-13-5), and from Section I., Establishment, Fire Brigade Budget, (Rs. 206-7-3), to Section I., Secretary, Town Council, Town Council and Corporation Establishment Budget, to meet the payment of the minimum salary of the Municipal Secretary to Mr. Bennett, during the time he acted in that appointment from 20th December last to 4th instant, both days inclusive ... ... ... ... ... ... | 361 | 4 | 8 |
| Total ... Rs. | 782 | 4 | 8" |

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5905. "That letter No. 5799, dated 22nd January 1889, from the Municipal Secretary, forwarding copy of Synopsis of the Municipal Act III., prepared by him for the use of members, be *recorded*, and that he be thanked for his trouble in the matter."

*Carried with acclamation.*

Read letter, dated 7th instant, from Major Martin to the Municipal Secretary, as under :—

DEAR SIR,—As I shortly proceed to England on furlough, and from now till then shall be unable to attend to my duties as a member of the Corporation, and furthermore, as it is necessary that whoever is appointed in my stead should have some idea during the next few weeks as to who are the best men to elect on the Standing Committee, and such like, I have sent in my resignation to the Government. If I may, without presuming, throw out a suggestion, I think it might be as well if the Corporation appointed a member *who will really work and attend* in my place on those two important Committees, the Fire Brigade and Improvement of Streets as otherwise they may have a difficulty about a quorum.—I am, &c.,

GERALD W. MARTIN.

Proposed by Kaikhusro N. Kabraji, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5906. "That letter, dated 7th January 1889, from Major Gerald W. Martin stating that he has resigned his membership of the Municipal Corporation, be *recorded.*

"The Corporation beg to express their high sense of the services of Major Martin and of the loss which they sustain by his resignation."

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5907. "That letter No. 78, dated 8th January 1889, General Department, from Mr. Under-Secretary Atkins, forwarding copy of a letter No. 6675, dated 15th December 1888, received from the Government of India, on the subject of the period for the repayment of the Tansa Water Works Loan, be *recorded.*"*

*Carried.*

Read letter No. 24119, dated 8th January 1889, to the Municipal Commissioner, from the Health Officer, as under :—

SIR,—I regret to inform you that there has been a severe outbreak of cholera in Ghorupdeo, in the locality and in some of the buildings in which an outbreak had occurred while the description of Ghorupdeo at page 356 of the last Annual Report was being printed; there has also been an outbreak of cholera in Borebhat, where a previous outbreak occurred in the last year, the condition of the drainage of Borebhat being imperfect open drains leading to cesspools, you know. It is suggestive that there should now occur, as occurred in the past year, a number of cases of cholera in these two localities.—I have, &c.,

T. S. WEIR, Health Officer.

Also memorandum No. 17721, dated 9th January 1889, from the Municipal Commissioner, forwarding copy of the above to the Municipal Secretary for the information of the Corporation.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That the following be *recorded* :—Memorandum No. 17721, dated 9th January 1889, from the Municipal Commissioner, forwarding copy of a letter No. 24119, dated 8th idem, from the Executive Health Officer, report-

* *See* Proceedings of the Corporation, dated 11th January 1889.

ing the outbreak of cholera in Ghorupdeo and Borebhat, and attributing the occurrence to the imperfect condition of the drainage in those localities."

Rider moved by Kaikhusro N. Kabraji, Esq.—

No. 5908. "That the Municipal Commissioner be requested to report immediately on the remedy which he would suggest in the matter."

The original motion was *withdrawn*, and the rider was accepted in its place and *carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5909. "That, as recommended by the Standing Committee in their Resolution No. 5547, dated 26th December 1888, sanction be given to the writing off as loss of Rs. 1,362-2-5, from the live stock return of the Health Department, being the book value of 20 bullocks that died, and 3 which were destroyed—total 23 bullocks—during the quarter ending 30th November 1888."*

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5910. "That, as recommended by the Standing Committee, in their Resolution No. 5621, dated 19th January 1889, sanction be given to the payment of advances from surplus balances to the amount of Rs. 20,000, to provide for the cost of constructing the additional catch-water channels at Tulsi, sanctioned by the Corporation on 7th instant, the advances to be adjusted by debit to loan charges as soon as the necessary sanction to the raising of the loan is received from the Government of India."

*Carried.*

Proposed by Colonel G. L. C. Merewether, seconded by P. C. DeSouza, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 5545, dated 26th December 1888,

* *Causes of Death.*—1 enlargement of liver and general debility, 13 old age and general debility, 1 inflammation of heart, 1 inflammation of heart and kidneys, 1 disease of liver and cancer, 2 flatulent colic, 1 diseases of heart and lung—total 20 died, 3 destroyed—total died and destroyed 23.—*Locality where death or invalidity took place*, 3 at Boree Bunder stable, 2 at C Ward stable, 2 at D Ward stable, 1 at E Ward stable, and 12 at Boree Bunder Hospital, and 3 destroyed—total 23. Annual percentage of losses on the hole strength of bullocks 6·1.

sanction be given to the additional outlay of Rs. 11,410, to provide for cost of vaccination depôt and stables, as the want of a proper central vaccine station has been long felt, and as Government have already granted a site for the purpose."

*Amendment*, moved by Thomas Blaney, Esq., seconded by Khan Bhadar Muncherjee C. Murzban—

"That the papers relating to the proposed new Vaccination Depôt and Stables be referred back to the Standing Committee for favour of plans and estimates, and a report as to the site on which the building is to be erected." No. 5911.

With the permission of the President and the consent of the meeting, Colonel Merewether *withdrew* the original motion in favor of the amendment which was then *carried* as the substantive proposition.

This concluded the business of the meeting.

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BOMBAY, *7th February* 1889.

AT a meeting of the Corporation held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*.
BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; REGINALD GILBERT, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; KAIKHUSRO NOWROJI KABRAJI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; THE HON'BLE MR. PHEROZSHAH MEHERWANJI MEHTA; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 4th instant was postponed.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That letter No. 5840, dated 29th January 1889, from the Municipal Secretary, to the President, reporting the Budget transfers, sanctioned by the Standing Committee up to 23rd idem, as under, be *recorded* :— No. 5943.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III of 1888, the Standing

Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them up to 9th January 1889, Rs. 618-0-0, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from Section III., B, Repairs to Roads, to Section III, A, Elphinstone Circle Garden Budget, to meet the cost of painting the railings round the gardens. ... | 260 | 0 | 0 |
| Transfer of Rs. 350 from the Municipal Pension Fund account to the grant for Discretional contingencies to provide the pay at Rs. 175 per mensem, for two months, of a pensioned Municipal Inspector whilst temporarily employed in preparing measurements for assessment purposes of various properties of the Port Trust ... ... ... | 350 | 0 | 0 |
| Transfer of Rs. 8 from savings in Section I. Establishment, Fire Brigade Budget, to Section VIII., Purchase of Horses, same Budget, to meet excess on the transfer of Rs. 200, sanctioned by the Standing Committee in their Resolution No. 5103, dated 31st October 1888, as the commission charges due on 4 horses lately purchased by the Police Commissioner were estimated at Rs. 100, whereas the bill now submitted by Messrs. Stephens & Sons amounts to Rs. 108 ... ... ... ... ... ... ... | 8 | 0 | 0 |
| Total... | 618 | 0 | 0" |

*Carried.*

Read letter from Mr. E. S. A. Burch, dated 22nd January 1889, requesting sanction to erect a "pandal" for the sale of light refreshments on the spare ground, opposite the Charni Road station.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5944. "That, in reply to his letter, dated 22nd ultimo, Mr. E. S. A. Burch be informed it is not within the power of the Corporation to grant the concession asked for."

*Carried.*

Proposed by the Hon'ble Mr. Pherozeshah Merwanjee Mehta, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5945. "That the following be *recorded*:—Letter No. 291, dated 23rd January 1889, General Department, from Mr. Chief Secretary Nugent, stating that His Excellency the Governor in Council is pleased to fix the monthly salary of Mr. E. C. K. Ollivant, C.S., C.I.E., Municipal Commissioner, at Rs. 3,000, with effect from 1st March next."

Considered letter No. 1273, dated 23rd January 1889, from Dr. Peterson, University Registrar, to the Chairman (President) as follows :—

SIR,—I am directed by the Syndicate to ask whether, in view of the fact that the University Garden is thrown open to the public without

any restrictions whatever, the present charge of As. 6 per 1,000 gallons for water might not be abandoned, and the amount paid during the present year under that head refunded. The garden is a boon much appreciated by the public; and the Syndicate hope you may be disposed to think that the Municipality ought to defray this charge.—I have, &c.,

P. PETERSON.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, in reply to his letter No. 1273, dated 23rd ultimo, Dr. P. Peterson, Registrar, Bombay University, be informed that at their meeting held on the 31st idem, the Standing Committee passed the following Resolution regarding the supply of water to the University Gardens :—

No. 5946.

"By Resolution of the Standing Committee, dated 16th instant, the charge for the ensuing year would be at annas 8 per 1,000 gallons and not 6 annas.

"Without making any pledge as to continuing the supply of lake water to the University Gardens, and subject to such conditions regarding the hours of supply as the Commissioner may lay down, the Standing Committee approve of a compounded sum of Rs. 50 per quarter being charged as long as the consumption in any one month does not exceed one lakh gallons; any consumption over that quantity to be charged for at the prescribed rate of 8 annas per 1,000 gallons."

*Carried.*

Considered letter No. 7092, Judicial Department, dated 29th December 1888, to the Municipal Commissioner.*

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, as recommended by the Standing Committee, sanction be given to the grant for Land Conveyance License Establishment and contingencies at Rs. 10,000 instead of Rs. 5,000 as originally entered in detailed statement No. 6 (Assessment and Collection Department) of the Budget for 1889-90.

No. 5947.

"That the Corporation concur with the Standing Committee in the opinion that, with the change now introduced in

* *Vide* Proceedings of Standing Committee of 23rd January 1889.

the law, the various items of expenditure may be re-arranged with a regard to secure more efficient supervision over unlicensed conveyances."

*Carried.*

In the absence of Thomas Blaney, Esq., who had given notice of intention to move the following proposition, the motion was proposed by Kaikhusro N. Kabraji, Esq.—*

"That the draft By-laws of the Joint Schools Committee as now submitted by the Committee be passed by the Corporation and forwarded to Government for approval."

The motion was seconded by Cowasjee Hormusjee, Esq.

*Amendment*, moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Rughunath N. Khote, Esq.—

"That the following Committee be appointed to consider and report on the draft By-laws of the Joint Schools Committee :—The President, Mr. N. G. Chandavarkar, Major Selby, Mr. K. M. Shroff, Dr. Blaney, Mr. R. D. Sethna, the Hon'ble Mr. Pherozeshah M. Mehta."†

With the permission of the President and the consent of the meeting, Mr. Kaikhusro N. Kabraji *withdrew* the original proposition in favor of the amendment, on condition that the words "within a month" were inserted therein after the word "report."

The proposition, as thus amended, was *passed* as follows :—

"That the following Committee be appointed to consider and report within a month on the draft By-laws of the Joint Schools Committee :—The President, Mr. N. G. Chandavarkar, Major Selby, Mr. K. M. Shroff, Dr. Blaney, Mr. R. D. Sethna, the Hon'ble Mr. Pherozeshah M. Mehta."

No. 5948.

A notice of motion from Major Selby, dated 7th December 1888, regarding the disposal of town sweepings, was adjourned *sine die.*

This concluded the business of the meeting.

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* A note was received from Mr. Blaney explaining that he was detained in the High Court to give evidence as Coroner.

† The name of the Hon'ble Mr. Pherozeshah M. Mehta was added on the suggestion of Mr. Raghunath N. Khote.

BOMBAY, 4*th March* 1889.

AT a meeting of the Corporation held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*. ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILLIP CLEMENT DESOUZA, Esq., L.M.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; The HON'BLE MR. KASHINATH TRIMBAK TELANG, C.I.E.; KAVASJI MEHERWANJI SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GUNESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; REHEMUBHAI ALLANA, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq. H. WILMOT ULOTH, Esq.; VANDRAWUNDASS PURSHOTUMDAS, Esq.; M. R. WYER, Esq.

R. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the HEALTH OFFICER; and the MUNICIPAL SECRETARY.

The minutes of the adjourned and other meetings held on the 4th and 7th ultimo, were signed.

On the motion of Thomas Blaney, Esq., priority was given to notice of motion given by Sir Henry Morland, in accordance with which Sir Henry Morland moved—

"That the estimates of income and expenditure of the Joint Schools Committee for the year 1889-90 be passed at Rs. 1,06,899-6-8."

The motion was seconded by J. R. Duxbury, Esq.

In accordance with notice of motion, it was proposed by Javerilal Umiashankar Yajnik, Esq.—

"That the two Inspectors be paid at the rate of Rs. 150 each (Rs. 125 pay and Rs. 25 travelling allowance) with Rs. 12-8-0 for pension contribution, and that the estimate of the Inspectors' establishment for the year 1889-90 be Rs. 4,620 in place of Rs. 3,120."

Seconded by Cowasjee Hormusjee, Esq.

*Amendment*, moved by the Hon'ble Mr. Kashinath T. Telang, seconded by Dr. Khory—

"That the consideration of the Budget of the Joint Schools Committee be adjourned until the By-laws of the Committee are approved by the Corporation and have been submitted to Government."

No. 7024.

On a division the *amendment* was *carried* as the substantive proposition *nem. con.*

On the motion of Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq., it was—

*Resolved:* That letter No. 6082, dated 23rd February last, from the Municipal Secretary to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 20th idem as under, be *recorded* :—

No. 7025.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfer sanctioned by them up to 20th instant, Rs. 500-0-0, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer of Rs. 500—(1) Rs. 200 from savings in Section III., D., Elphinstone Circle Garden; and (2) Rs. 300 from savings in Section II., feed of animals, Victoria Gardens, to Section II., contingencies and stores, Victoria Gardens, to meet the cost of manure for and repairs to garden tools and water pipes ... ... ... ... ... | 500 | 0 | 0 |
| Total.....Rs. | 500 | 0 | 0 |

Proposed by Cowasjee Hormusjee, Esq., seconded by N. G. Chandavarkar, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 5865, dated 30th January 1889, sanction be given to a grant of Rs. 3,600 for the year 1889-90 towards the maintenance of the Eye and Ear Infirmary, and that a Hospital Committee be appointed, consisting of the following gentlemen :—

"Surgeon-Major J. Arnott, Thomas Blaney, Esq., P. C. DeSouza, Esq., Cowasjee Hormusjee, Esq., Mahomed H. Hakim, Esq., and Dr. R. N. Khory."*

*Amendment* moved by Dr. R. N. Khory, and seconded by Naoroji Beiramji Suntook, Esq.—

"That the Corporation do allow an annual grant of Rs. 2,500 to the Eye and Ear Infirmary on the following conditions :—That the work done should be honorary, and that accounts be submitted to the Corporation annually as to the way in which Rs. 2,500 have been spent during the year."

On a division, the following votes were recorded :—

| | For. | Against. |
|---|---|---|
| Original proposition ..... | 9 | 11 *Lost.* |
| Amendment ..... | 4 | 14 ,, |

* The names of Mr. Javerilal Umiashankar Yajnik and Mr. A. M. Dharamsi were, at the request of those gentlemen, withdrawn, and the names of Mr. Mahomed H. Hakim and Dr. R. N. Khory were thereupon inserted. The proposal for the appointment of this Committee was made in accordance with notice of motion given by Mr. Cowasjee Hormusjee.

Proposed by Dosabhai Framji, Esq., seconded by Mahomed H. Hakim, Esq.—

No. 7027. "That, as recommended by the Standing Committee in their Resolution No. 6071, dated 20th ultimo, sanction be given, under Section 296 of the Municipal Act III. of 1888, to the acquisition at a cost of Rs. 5,000, or thereabout, of a property shewn on the tracing marked B, dated 29th November 1888, filed in Supplement to Minute Books, measuring 173·48 square yards, or thereabout, situate at the corner of Old Nagpada and Kambekar Street, belonging to Hadji Esmail Meya Saljibhoy, and required for street improvement thereat."

*Carried.*

On the motion of Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

No. 7028. *Resolved:* "That the Health Officer's report for the third quarter of 1888, be *recorded.*"

On the motion of Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

No. 7029. *Resolved:* "That, as recommended by the Standing Committee in their Resolution No. 5927, dated 6th ultimo, sanction be given to a grant of Rs. 3,400 from surplus cash balance, to meet the excess expenditure over the Budget grant caused by the larger ration given to the meat-van bullocks, as the bullocks continually fall sick on account of the increased loads in the vans consequent on the larger quantity of meat brought to Bombay."

On the motion of Colonel Merewether, seconded by J. R. Duxbury, Esq., it was—

No. 7030. *Resolved:* "That, as recommended by the Standing Committee in their Resolution No. 5936, dated 6th ultimo, sanction be given to the supply of water from 7th to 17th idem, both days inclusive, to the camp of the Bombay Light Horse, near the Bandora Rifle Range, between 8 and 10 A.M. and between 4 and 6 P.M. daily, under Section 288 of the Municipal Act III. of 1888, at the rate of Rs. 10."

At 5 o'clock the Corporation adjourned and the President fixed Thursday, 7th instant, at 3 P.M., for adjourned meeting.

BOMBAY, 11*th March* 1889.

AT a meeting of urgency of the Corporation held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*. THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., C.G.M.C.; DAMODAR TAPIDAS, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSHEDJEE JEJEEBHOY, BART., C.S.I.; JAMSETJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJEE KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; KAVASJI DADY LIMJI, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 4th instant were signed.

No. 7097. Read the following :—

BOMBAY, 9*th March* 1889.

THE PRESIDENT AND MEMBERS
OF THE MUNICIPAL CORPORATION, BOMBAY.

GENTLEMEN,—On behalf of the trustees of the temple of Shri Godeejee at Kalkadevi, we are requested to bring to your notice that on the 6th instant, two letters were addressed by the Municipal Commissioner to Mr. Odhavjee Karamchand who is one of the Trustees of the said temple, offering to purchase from him, at the rate of Rs. 40 per square yard, certain pieces of land between Parel Road and Bapu Khote Street, presumably with the object of opening a road connecting the Parel Road with the said Bapu Khote Street, and twenty-four hours were given to Mr. Odhavjee within which he was required to send a reply to the Municipal Commissioner to the said letters.

The letters were delivered to Mr. Odhavjee at or about 4 P.M. on the 7th instant, and on the other side is a copy of the reply we have sent to the Municipal Commissioner on behalf of our clients.

The trustees are now informed that a meeting of the Corporation has been convened for Monday next to obtain your sanction to an application to Government to acquire the land in question on behalf of the Municipality under the Land Acquisition Act.

We are requested to draw your attention to the plan of the proposed road, from which it appears that there is no absolute necessity for the construction of the road.

Under the above circumstances our clients trust that sanction will not be given to the construction of the proposed road.—We have, &c.,

CRAIGIE, LYNCH & OWEN.

BOMBAY, 9*th March* 1889.

E. C. K. OLLIVANT, Esq.,

Municipal Commissioner for the City of Bombay.

DEAR SIR,—Our client, Mr. Odhavjee Karamchund, one of the trustees of the temple of Shri Godeejee Maharaj, on the Kalkadevi Road, has placed in our hands your letters to him, dated respectively the 6th instant and numbered 20935 and 20936 respectively, with instructions to state in reply thereto, that the property in question is devoted to charitable objects in connection with Shri Godeejee's temple, of which it forms part, and of which our client is merely a trustee, and that as such he is advised that he has no power whatever to sell the land to the Municipality as required by you.

We are also instructed to bring to your notice that the above temple was built about 80 years ago and is daily attended by numerous members of the Shravak community, and that the street proposed to be opened by you will cut through the temple and thereby to a considerable extent render the temple useless for the purposes for which it has hitherto been used. This, our client believes, will give serious offence to the members of the community attending the temple, who will regard it as an unnecessary interference with the performance of their religious rites and ceremonies.

Our client also ventures to submit that there is no absolute necessity for the road in question, and that, if any new road at all is necessary, it should be constructed so as not to involve the removal of any of the sacred buildings.

We are lastly instructed to request that you will be good enough to bring the matter before the Standing Committee for reconsideration, and in the meantime our client earnestly hopes that you will desist from taking any other action in the matter.—We have, &c.,

CRAIGIE, LYNCH & OWEN.

Proposed by Colonel Merewether, seconded by J. R. Duxbury, Esq.—

"That, as recommended by the Standing Committee, sanction be given, under Section 296 of the Municipal Act III. of 1888, to the acquisition of two properties admeasuring 702·4 square yards, or thereabout, situate between Bapu Khote Street and Parel Road, belonging to Mr. Odhavjee Karamchund, required for the opening of Khote Street into Parel Road.

"That the Commissioner be authorized, under Section 90 of the Municipal Act, to endeavour to purchase the land, as aforesaid, by voluntary agreement at the maximum rate per square yard confidentially communicated by the Standing Committee to the Commissioner, and that failing the acquisition by such voluntary agreement, he be further authorized, under Section 91 of the Municipal Act, to apply to Government for the compulsory acquisition of the property for a public purpose, namely, street improvement."

*Amendment*, moved by Dosabhai Framji, Esq., seconded by Mahomed Hussein Hakim, Esq.—

"That the question of the taking up of ground at Bapu Khote Street and Parel Road, the property of Mr. Odhavji Karamchund, be referred back to the Standing Committee for reconsideration."

With the permission of the Chairman and the consent of the meeting, the amendment was *withdrawn*.

On a division, there were 10 votes *for* and 20 votes *against* the motion which was *lost*.

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BOMBAY, 11*th March* 1889.

The business of the adjourned meeting originally called for the 4th instant, and then postponed to 7th idem, called for this day, was not proceeded with, as the above meeting lasted until nearly 5 o'clock P.M.

This meeting was further postponed to Thursday, the 14th instant, at 3 P.M.

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BOMBAY, 13*th March* 1889.

AT a meeting of the Municipal Corporation of Bombay held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President*. ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JALBHOYARDA-SEER SETT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; MAHOMED HUSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUN-CHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RUS-TOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; H. WILMOT ULOTH, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

The MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 11th instant, and the record of the meeting called for the same day, was postponed.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That Mr. Ardaseer Framjee Moos and Mr. Nanabhai Rastamji Ranina be appointed Auditors of Municipal Accounts for the year 1889-90, and that their remuneration be Rs. 4,000 each per annum, as already provided in the Budget."

No. 7127.

*Carried unanimously.*

In accordance with notice of motion, it was—

Proposed by Grattan Geary, Esq.—

1. "That the Corporation approve the designs for new Municipal Offices now furnished by Mr. Stevens and sanction these designs being put into execution at the estimated cost of Rs. 9,76,350,* which amount, the Corporation understand, will be strictly adhered to unless special circumstances should arise to justify the Corporation in sanctioning any further outlay.

No. 7130.

2. "That, in conformity with the Resolutions of the Corporation, dated 11th, 14th and 21st June 1888, the Municipal Commissioner be requested to instruct Mr. Stevens to take the necessary steps forthwith for carrying out the work, so that, if possible, the foundations may be put in before the rains, and that meanwhile the detailed statements be prepared and submitted as promised by Mr. Stevens.

3. "That the Corporation approve of an application being made to Government for permission to project the porch on the Cruickshank Road side as suggested, and also for the proposed grant of an additional area of 560 square yards, or thereabout, to allow of both wings being equal in length; that in the event of Government assenting to these applications, the plans be amended accordingly, but that otherwise the present lines be adhered to.

4. "That the Corporation also approve of an application being made to Government for the refusal of the whole area between the two proposed new roads in order that the Corporation may have the opportunity of securing the whole or a portion of it hereafter as the site for a public hall, extension of the offices, or otherwise."

The motion was seconded by Javerilal Umiashankar Yajnik, Esq. (in the absence of the Hon'ble Mr. Pherozesha M. Mehta).

The proposition was put to the vote seriatim, and the voting was as follows :—

| | | *For* | *Against.* | |
|---|---|---|---|---|
| Para. | 1 ... ... | 21 | 3 | *carried.* |
| „ | 2 ... ... | 22 | 1 | „ |
| „ | 3 ... ... | 20 | 0 | „ |
| „ | 4 ... ... | 20 | 0 | „ |

At 5 o'clock the meeting adjourned, and the President fixed Thursday, the 14th instant, at 3-30 P.M., for the adjourned meeting.

* The words "which amount," to "outlay," both inclusive, were inserted on the proposal of the seconder of the motion.

BOMBAY, 14*th March* 1889.

AT the adjourned meeting of the Municipal Corporation of Bombay, (originally called for 4th instant and adjourned from 11th idem) appointed for this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EDWIN RICHARD FREEBORN, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJEE, Esq.
The MUNICIPAL SECRETARY.

As there was not a quorum of members present, the President at half-past 3 o'clock adjourned the meeting until 3 P.M. on Wednesday, the 20th instant.

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BOMBAY, 14*th March* 1889.

THE adjourned meeting (originally called for 13th instant and adjourned from the same day until this day), was also adjourned for want of a quorum until Wednesday, the 20th instant, at 3-30 P.M.

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BOMBAY, 20*th March* 1889.

AT an adjourned meeting of the Municipal Corporation of Bombay (originally called for 4th instant, and adjourned from the 14th idem, for want of a quorum of Councillors) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*
THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; A. M. GUBBAY, Esq.; JAMSETJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., BA., LL.B.; LIEUTENANT-COLONEL A. B. PORTMAN; RAGHUNATHNARAYAN KHOTE, Esq., C.I.E.; SHIVJI DHURMAJI, Esq.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on the 11th and 13th instant, and the record of the adjourned meetings called for 11th, 13th and 14th idem, were signed.

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 7168.

"That, as recommended by the Standing Committee in their Resolution No. 5939, dated 6th ultimo, sanction be given to an additional grant of Rs. 11,000, from surplus cash balance, to meet excess in the

grant for commission to Port Trust, Town Duty collection, current year's Budget."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 7169. "That, as recommended by the Standing Committee in their Resolution No. 5940, dated 6th ultimo, sanction be given to the adjustment of the charge of Rs. 2,000, for preparing and lithographing copies of plans of water mains, to the debit of current revenue."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7170. "That the consideration of letter from Mr. Under-Secretary Warden No. 369, Public Works Department (Railway), dated 13th February 1889, on the subject of the proposed overbridge at Falkland Road, be postponed until the receipt of reply from the Commissioner to the Corporation's Resolution No. 5036 of 25th October last."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by J. R. Duxbury, Esq.—

No. 7171. "That the appointment of successors to Major Martin on the three Committees referred to in his letter, dated 7th January 1889, be not proceeded with, as on and after the 1st day of April next new Committees will have to be appointed."

*Carried.*

The consideration of items Nos. 10 and 11, *viz.*, notices of motion from R. Gilbert, Esq., and Major Selby, was postponed till Monday next, and the items were transferred to the agenda paper of the meeting called for that day.

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7172. "That, as recommended by the Standing Committee in their Resolution No. 6069, dated 20th ultimo, sanction be given to a further expenditure of Rs. 1,500, to provide new standard measures as per list, in lieu of some of those received from the Commissioner of Police, and returned to him as they were pronounced quite useless for the purpose of verification."

*Carried.*

This concluded the business of this meeting.

BOMBAY, 20*th March* 1889.

AT an adjourned meeting of the Municipal Corporation of Bombay, (originally called for 13th instant and adjourned from the 14th idem for want of a quorum of Councillors) held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH NARAYAN KHOTE Esq.; FAZULBHOY VISRAM Esq.; EDWIN RICHARD FREEBORN, Esq.; A. M. GUBBAY, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; LIEUTENANT-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJEE DHURMAJEE, Esq.; TRIBHOWANDAS MUNGALDAS NUTHOOBHOY, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the following be *recorded* :—Letter No. 7030, dated 2nd instant, from the Municipal Secretary, to the President, reporting the budget transfers sanctioned by the Standing Committee up to 27th ultimo.

No. 7173.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the budget transfers sanctioned by them up to 27th ultimo, Rs. 3,100 as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer of Rs. 800 from savings in Section II., Gas Lighting, F., lighting Wellington and Frere Fountains, to Miscellaneous Charges on account of loans, to meet the excess charges incurred up to date, namely, (1) Rs. 230-11-6 over the Budget grant of Rs. 9,000 for Miscellaneous Loan Charges, and (2) Rs. 569-4-6 for contingent charges ditto, likely to be incurred up to the end of the current year, consequent in both cases on loss by the low rate of exchange... ... ... ... ... ... ... ... | 800 | 0 | 0 |
| Transfer of Rs. 2,300, (1) Rs. 1,200 from savings in Section I., Superintendence and Inspection, Scavengering Establishment, Health Department Budget, and (2) Rs. 1,100 from savings in Section II., Labour, B, drain cleaning, same Budget, to meet excess up to the end of the year in Section V., stores and miscellaneous, same Budget, chiefly on account of disinfectants in connection with cholera cases throughout the year ... ... ... ... | 2,300 | 0 | 0 |
| | Rs. 3,100 | 0 | 0 |

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7174. "That, as recommended by the Standing Committee in their Resolution No. 7003, dated 27th ultimo, sanction be given to the levy of fees, as per schedule* accompanying the Commissioner's memorandum No. 20070, dated 20th February 1889, to be charged under Section 479 of the City of Bombay Municipal Act, for the use of premises for purposes mentioned in Section 394 of the same."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7175. "That the consideration of the following be postponed for the decision of the new Corporation:—"Standing Committee's Resolution No. 7005, dated 27th ultimo, regarding the Commissioner's proposals for improving the Victoria Gardens, and retaining, on improved principles, the zoological collection therein."

*Amendment* moved by Cowasjee Hormusjee, Esq., seconded by Shivji Dhurmaji, Esq.—

"That the consideration of the question of the Victoria Gardens be proceeded with now."

On a division, there were 3 votes *for* the *amendment* and 18 *against* it.

The original motion was *carried* by a large majority.

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 7176. "That, as recommended by the Standing Committee, sanction be given to a special grant of Rs. 6,000, from surplus cash balance, to meet the expenses of the general elections, *viz.*, advertising, printing and stationery, Rs. 3,000 ; stores, labour, erection of polling booths, &c., Rs. 1,900 ; allowances to polling officers, Rs. 800."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Narayan Ganesh Chandavarkar, Esq.—

No. 7177. "That, as recommended by the Standing Committee, sanction be given to the grant of Rs. 4,000, from surplus cash balance, to meet excess over

* *See* minutes of the meeting of the Standing Committee, dated 27th February 1889.

the budget grant for the last year for cost of advertising, printing and stationery, Corporation and Standing Committee's Establishment."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7178. "That the consideration of report by Sir John Fowler, K.C.M.G., on the Malabar Hill and John Hay Grant Reservoirs be postponed pending the receipt of the recommendations thereon of the Standing Committee."

*Carried.*

This concluded the business of this meeting.

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BOMBAY, 25*th March* 1889.

AT the meeting of the Municipal Corporation of Bombay, held this day, there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; FAZULBHOY VISRAM, Esq.; EDWIN RICHARD FREEBORN, Esq.; GRATTAN GEARY, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KARSANDAS VALLABHDAS, Esq.; THE HON'BLE MR. KASHINATH TRIMBAK TELANG, C.I.E.; KAVASJI DADY LIMJI, Esq.; K. M. SHROFF, Esq.; MAHOMED HUSSEIN HAKIM, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E., MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq., NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GUNESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZSHAH MEHERWANJI MEHTA; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P.; (London), SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; M. R. WYER, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned meeting held on the 20th instant were signed.

With the consent of the meeting, the President read the following :—

BOMBAY, 23*rd March* 1889.

TO THE SECRETARY, Municipal Corporation.

SIR,—I have the honour to offer, for the acceptance of the Corporation, a President's chair, executed from a design which was furnished to the Standing Committee by John Roberts & Co.—I have, &c.,

THOMAS BLANEY.

Proposed by K. M. Shroff, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7194. "That the chair for the President, now presented by Mr. Thomas Blaney, be accepted with the best thanks of the Corporation."

*Carried unanimously.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 7195. "That letter No. 7133, dated 16th instant, from the Municipal Secretary to the President, reporting the budget transfers sanctioned by the Standing Committee up to 13th idem, as under, be *recorded* :"—

SIR,—I have the honour to inform you that, under the provision of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them up to 13th instant, Rs. 85,439-1-1, as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Transfer from savings in the grant for the purchase of materials (road metal, sand-stone, kerb-stones and water tables), Section I., road repairs grant, Engineer's Budget, to Section 2, cart-hire and labour, including road scraping ; 4, maintenance of steam-rollers, carts and share of Persian-wheel repairs ; 5, stores and contingencies ; and 8 purchase of 3 8-ton and 1 15-ton steam-rollers ; same head, same budget, to meet the excesses in the grants for cart and bullock hire, labour, maintenance of steam-rollers, stores, and contingencies, and for purchase of new steam-rollers... | 62,430 | 0 | 0 |
| Transfer from savings in the grants, lighting, Section II., gas lighting, F, lighting at the Wellington and Frere Fountains, Rs. 2,743 ; E, lighting public latrines and urinals, Rs. 1,325 ; Water Maintenance, Section V., repairing and repitching dam No. 2, Vehar, Rs. 3,311-14-1 to Section II., coals, Love Grove Pumping Station, to meet the excess over the grant for coals ... ... ... ... ... | 7,379 | 14 | 1 |
| Carried over... ... | 69,809 | 14 | 1 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought forward... ... | 69,809 | 14 | 1 |
| Transfer from savings (1) in the grant for earth to cover kutchra deposits, under Section III., disposal of town sweepings, Conservancy Branch, Health Department Budget, to meet excess in Section X., E, repairs to latrines and urinals, Halalkhor Branch same Budget for the repairs to the latrines at the Girgam Night-soil Depôt ... ... ... ... ... ... ... ... | 1,052 | 15 | 5 |
| Transfer from savings in Section I., Establishment B, inspection, distribution and waste-prevention, Water Works, Engineer's Budget, to the grant of Rs. 20,000, for latrines and urinals, to meet the amount of compensation awarded by the Collector of Bombay for a plot of land at Mahim for the erection of latrines thereon ... ... ... ... | 600 | 0 | 0 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to Section VIII., Purchase of Horses, same Budget, to meet excess on account of charges, for training two pairs of horses lately purchased for the Fire Brigade... | 80 | 0 | 0 |
| Transfer from savings in Section I., Establishment, Fire Brigade Budget, to Section VI., printing Voters' List, Municipal Commissioner's Budget, to meet excess in the grant for printing the list ... ... ... ... ... | 1,203 | 5 | 0 |
| Transfer from savings in Section I. Establishment, Fire Brigade Budget, to (1), Section III, contingencies for extinguishing fires, Rs. 400, and (2), Section IV., compensation to European and other Police officers for damage done to their clothing, same budget, Rs. 1,200, to meet expenditure already incurred under the two sections up to the 28th February last ... ... ... ... ... | 1,600 | 0 | 0 |
| Transfer from savings in Section I., Stores, Milch Cattle Stables, Health Department Budget, to Section IV., clothing to peons, same head, same budget, to meet excess in the latter grant ... ... ... ... ... | 32 | 8 | 0 |
| Transfer from Water Works maintenance, Section V., repairing and repitching dam No. 2, Vehar, to Section II., coals, Love Grove Pumping Station, to meet excess in the grant for coal ... ... ... ... ... ... ... ... | 663 | 0 | 0 |
| Transfer as per list accompanying the Commissioner's letter No. 21287, dated 12th March 1889, to meet excess in the grant for water supplied, &c., to different departments of the Municipality ... ... ... ... ... ... | 10,397 | 6 | 7 |
| Rs. | 85,439 | 1 | 1 |

I have, &c., H. WYNFORD BARROW, Municipal Secretary."

*Carried.*

Read letter No. 21151, dated 9th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—Certain well-to-do members of the Chinese community experience a difficulty, either from religious or class feeling, or both, in burying their dead at the Chinese burial ground at Matunga, and accordingly have petitioned Government to grant them a piece of ground at Antop Hill for a new cemetery. The site is approved by the Health Officer, and Government are willing to grant it on a 50 years' renewable lease on payment at 4 annas per square yard and a ground rent of one pie per square yard. The Chinese on their part agree to these terms.

Having regard to the fact that there are from their point of view insuperable objections to making use of the Chinese cemetery at Matunga or the general cemetery at Haines Road, I am possibly justified in saying that the existing places for the disposal of the dead are insufficient, and in recommending the Corporation to give the sanction contemplated by Section 436 of the Act.

This is what I am desired to do by Government in submitting the accompanying correspondence (A), but I think the more appropriate section for dealing with the case is Section 437, for as the Chinese community "*provide*" the burial place (*see* letter B attached) it is not incumbent on the Corporation to do more than signify their approval. The ground will then be registered and be subjected to Municipal sanitary control and will stand in the same position as the present Christian, Hindu, Jewish, or Mahomedan burial grounds, with the proprietary tenure of which the Corporation have no concern.—I have, &c., E. C. K. OLLIVANT.

Proposed by Dosabhai Framji, Esq., seconded by Mahomed Hussein Hakim, Esq.—

No. 7196. "That, as recommended by the Commissioner in his letter No. 21151, dated 9th instant, the Corporation approve, under Section 437 of the Municipal Act, of the opening, at the cost of the persons concerned, of a new burial ground for the dead of certain members of the Chinese community on site at Antop Hill granted by Government and shown on the tracing marked A, dated this day, (filed on supplement to Minute-books.")

*Carried.*

Read letter No. 20645, dated 2nd instant, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to forward herewith a statement for quarter ending 31st December 1888, as required by Corporation Resolution No. 1270, dated 3rd October 1887.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

QUARTERLY STATEMENT as per Corporation's Resolution No. 1270 of 1887-88, for the quarter ended 31st December 1888.

| Wards. | Number of new properties assessed during the quarter with the total amount of assessment fixed for the same. | | Number of previously existing properties, the assessments of which have been increased during the quarter and the total amount of the increased assessments. | | Number of previously existing properties, the assessments of which have been reduced during the quarter and the total amount of the reduced assessments. | | REMARKS. |
|---|---|---|---|---|---|---|---|
| | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | No. of Properties. | Amount of Assessment. | |
| | | Rs. | | Rs. | | Rs. | |
| A. | 53 | 5,580 | 44 | * 48,942 | 16 | 18,826 | * This includes 6 properties formerly assessed as land, but now built on. |
| B. | 6 | 4,836 | 67 | * 45,291 | 9 | 2,197 | * Do. 4 do. do. |
| C. | 6 | 1,674 | 100 | * 56,146 | 11 | 2,456 | * Do. 11 do. do. |
| D. | 14 | 7,317 | 57 | * 40,157 | 7 | 1,120 | * Do. 11 do. do. |
| E. | 31 | 35,590 | 70 | * 52,429 | 18 | 11,480 | * Do. 15 do. do. |
| F. | 16 | 6,537 | 11 | * 7,610 | 10 | † 1,55,328 | * Do. 3 do. do. |
| G. | 13 | 9,816 | 18 | * 18,986 | 8 | 318 | * Do. 2 do. do. |
| Total ... | 139 | 71,350 | 367 | 2,69,561 | 79 | 1,91,725 | |

† This includes the assessment of the Gas Company's properties reduced from Rs. 1,66,040 to Rs. 11,100. Difference Rs. 1,54,940.

R. P. BRUNTON,
Assessor and Collector.

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That letter No. 20645, dated 2nd instant, from the Commissioner, forwarding statement of assessment of properties for the quarter ending 31st December 1888, be *recorded.*"

No. 7197.

*Carried.*

Considered letter No. 1063, General Department, dated 14th instant, from Mr. Chief Secretary Nugent, as follows :—

SIR,—Government observe from the proceedings* of the meeting of the Municipal Corporation for the City of Bombay, held on the 4th instant, to consider the budget of the Joint Schools Committee, Bombay, for the year 1889-90, that the Corporation has decided, on the motion of the Hon'ble Mr. Telang, that the budget should stand over until the Corporation has framed the bye-laws under Section 461 of the City of Bombay Municipal Act, and submitted them for the approval of Government. The argument used by the Hon'ble Mr. Telang in support of his proposition was to the effect that the budget, as originally submitted by the Joint Schools Committee, had been framed on the understanding that Government proposed to hand over to the Schools Committee not merely those schools which were directly managed by Government, but also those which received grants-in-aid from Government; but as the Committee has since been informed that Government were not in a position to say anything definitely with reference to the grant-in-aid schools until the by-laws were before Government and sanctioned by them, it was difficult for the Committee to undertake anything at all until Government had come to a definite conclusion as regards the grant-in-aid shcools.

* Reported in the *Bombay Gazette* of 5th March 1889.

2. I am to point out that the argument brought forward by the Hon'ble Mr. Telang appears to Government to be unsound. The question as regards the aided or grant-in-aid schools is entirely distinct from that of the schools at present under the direct management of Government, and can well stand over. The grants to these aided schools will not be payable until after the by-laws have been sanctioned by Government. As regards the schools which are at present under the direct management of Government, and which it is proposed to hand over to the Joint Schools Committee, it is imperatively necessary that due provision for requisite expenditure should be made, and that all charges in connection with these departmental schools, such as the salaries of the school masters and other employés, house rents, &c., should be met as they become due, which will not be possible if the settlement of the budget for the ensuing year is deferred until the Corporation is in a position to prepare and submit for the approval of Government the by-laws required to be framed under the Act. Delays in meeting these charges will lead to great inconvenience and difficulty. I am in this circumstances directed to request that you will be so good as to move the Corporation to proceed at its earliest convenience with the consideration of the budget as already submitted to it by the Standing Committee, so

as to avoid any inconvenience arising from want of provision to meet charges in connection with those schools after the close of the current year. I am to add that although the balance of the School Fund cannot be made over formally to the Corporation or the Joint Schools Committee until the by-laws are sanctioned instructions will be given to write up the accounts and hold the balance of the provision made in this year's budget at the disposal of the Joint Schools Committee in anticipation of the approval of the by-laws. In short the School Fund will be dealt with provisionally as if it had been made over.

3. I am to request that you will favour Government, with as little delay as possible, with the result of the action taken by the Corporation to meet the wishes of Government in the matter.—I have, &c., J. NUGENT, Chief Secretary to Government.

Proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether—

"That, with reference to letter No. 1063, from the Chief Secretary to Government, to the President, the President be requested to inform Government that a reply thereto will be sent as soon as the Corporation have considered the terms of the letter."

*Amendment*, moved by Khaikhusro Nowroji Kabraji, Esq., seconded by Surgeon-Major Arnott—

*"That the Corporation be asked to agree to the suggestion of Government contained in their semi-official letter of 8th March, *viz.*, that the budget of the last quarter of 1888-89 be repeated in all respects for the first quarter of 1889-90, as a provisional arrangement, in order to provide funds for paying the salaries of the school masters and the rents of the landlords and other necessary expenses."

The President ruled that this amendment was not in order, as on the 4th instant the Corporation decided that the consideration of the budget of the Joint Schools Committee should be adjourned until the by-laws of the Committee were approved; and as No. 20 of the Rules for the conduct and regulation of business provides that no motion shall be entertained in regard to a question once disposed of except after the lapse of three months from the date of such disposal.

*Amendment*, moved by the Hon'ble Mr. Kashinath T. Telang, seconded by Cowasjee Hormusjee, Esq.—

"That Government be respectfully informed with reference to its letter No. 1063, General Department, dated 14th instant, that the Corporation

No. 7198.

* Notice of intention to propose this motion was given by Thomas Blaney, Esq., who, however, did not now proceed therewith.

see no reason to alter the terms of their Resolution of the 4th idem, postponing the consideration of the Budget of the Joint Schools' Committee until the by-laws of the Committee are approved by the Corporation and have been submitted to Government."

With the permission of the President and the consent of the meeting, the original motion was *withdrawn* in favor of the amendment which then became the substantive motion, and was *carried nem. con.*

Read letter No. 1035, General Department, dated 12th instant, from Mr. Under-Secretary Atkins, to the President, as follows :—

SIR,—I am directed to forward herewith, for the information of the Corporation, with reference to Government letter No. 78, dated 8th January last, copies of a memorandum No. 1046, dated 26th ultimo, and its accompaniment received from the Government of India on the subject of the period for the repayment of the Tansa Water Works Loan.—I have, &c., J. D. ATKINS, Under-Secretary to Government.

Also No. 1046, Government of India, Department of Finance and Commerce, Calcutta, the 26th February 1889 :—

Read despatch from Her Majesty's Secretary of State for India, No. 21, (Financial), dated the 31st January 1889.

Ordered that copy of this despatch be forwarded to the Government of Bombay for information, in continuation of the communication from this Department, No. 6675, dated the 15th December 1888, with the request that the orders of the Secretary of State on their memorial may be communicated to the Municipal Corporation of Bombay. Ordered also that copy of this despatch and of that to which it is a reply, be forwarded to the Home Department for information, in continuation of the communication from this Department No. 6675, dated the 15th December 1888.

J. E. O'CONOR,
Assistant Secretary to the Government of India.

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INDIA OFFICE, *London*, 31*st January* 1889.

Financial.—No. 21.

TO HIS EXCELLENCY THE MOST HONOURABLE
THE GOVERNOR GENERAL OF INDIA IN COUNCIL.

Tánsa Water Works Loan.

MY LORD MARQUIS,—I have considered in Council your Excellency's letter, dated the 18th of December 1888, No. 315, transmitting an appeal by the Municipal Corporation of Bombay against your orders that any future loans raised by that body for the Tansa Water Works should be made repayable within 40 instead of 60 years. 2.—It appears to me that it is not desirable that future generations, which will have

burdens of their own to bear, should have any large portion imposed on them of the cost of works undertaken primarily for the benefit of the present generation; and that there is no undue hardship in the Corporation being required to set aside a sum about one per cent. of the loan as a sinking fund for its eventual repayment. 3. I am, therefore, of opinion that the decision of your Government should be upheld; and I request that the Corporation may be informed that, after careful consideration of their memorial, I am unable to see any sufficient reason for a modification of the orders which you have issued.—I have, &c.,

CROSS.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That letter No. 1035, General Department, dated 12th instant, from Mr. Under Secretary Atkins, with its accompaniments, be *recorded*."

*Rider*, moved by the Hon'ble Mr. Pherozeshah M. Mehta—

"That the President of the Corporation be requested to ask for a review of the decision of the Secretary of State, pointing out that the Tansa scheme was undertaken not primarily for present wants, but expressly with reference to the requirements of future generations."

This rider was accepted as part of the original motion which was *carried* as follows :—

"That letter No. 1035, dated 12th instant, from Mr. Under-Secretary Atkins, with its accompaniments, be *recorded*.

No. 7199.

"That the President of the Corporation be requested to ask for a review of the decision of the Secretary of State, pointing out that the Tansa scheme was undertaken not primarily for present wants, but expressly with reference, the requirements of future generations."

Read memorandum No. 20765, dated 5th instant, from the Commissioner, forwarding, with reference to the Corporation's Resolution No. 5908, dated 4th ultimo, memorandum No. 27945, dated 16th February 1889, from the Health Officer, on the question of the outbreak of cholera in Ghorupdev and Borebhat, as follows :—

*Memo.*—The remedy is a system of drainage to carry away all the water discharged into the locality. This remedy was suggested before frequently. It is the only one. Pipes are laid to carry water to the locality, but there is no system of drains to carry this water away.

T. S. WEIR, Health Officer.

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That memorandum No. 20765, dated 5th instant, from the Commissioner, regarding the outbreak of cholera in Ghorupdev and Borebhat, be *recorded*."

No. 7200.

In accordance with notice of motion, it was—

Proposed by Narayan Ganesh Chandavarkar, Esq.—

"That the draft by-laws of the Joint Schools' Committee, as amended by the Committee appointed by the Corporation on the 7th ultimo, be adopted."

No. 7201.

This motion was seconded by Rustomjee Dhunjibhoy Sethna, Esq.

On the proposal of the Hon'ble Mr. Pherozeshah M. Mehta, the mover altered the word "adopted" to the words "now considered."

*Carried.*

It was then agreed that the by-laws be considered *seriatim*.

On the motion of Narayan Ganesh Chandavarkar, Esq., seconded by K. M. Shroff, Esq., by-law No. 1 was adopted.

No. 2.—On the motion of Narayan Ganesh Chandavarkar, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., this by-law was adopted, the figure "1" being inserted in line 2 in place of "2."

*By-laws* 3 and 4 were also adopted.

*By-law* 5.—The figures "3" and "4" were inserted in place of the figures "4" and "5."

*By-law* 6 was passed.

*By-law* 7.—In line 14 the word "and" was struck out, and in line 15 the word "further" was deleted.

*By-law* 8.—On a division, it was decided that the following words after the word "supervision" be struck out:—"by members or by Committees appointed by them."

As thus amended, the by-law was passed.

*By-law* 9.—This was also passed.

*By-law* 10.—It was proposed by Narayan Ganesh Chandavarkar, Esq., seconded by Rustomjee Dhunjibhoy Sethna, Esq., that by-law No. 10 be passed.

After discussion, it was agreed, shortly after 5 o'clock, on the motion of Rustomjee Dhunjibhoy Sethna, Esq., seconded by Fazulbhoy Visram, Esq., that this meeting do now adjourn.

The President fixed Wednesday, the 27th instant, at 3 P.M., for the adjourned meeting.

BOMBAY, 27*th March* 1889.

AT an adjourned meeting of the Municipal Corporation of Bombay (originally called for 25th, and adjourned from that day), there were present :—

THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B., *President.*

BHAISHANKAR NANABHAI, Esq.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODHAR TAPIDASS, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH NARAYAN KHOTE, Esq.; GRATTAN GEARY, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JEHANGHIR BYRAMJEE MURZBAN, Esq.; KAIKHUSRO NOWROJI KABRAJI, Esq.; KAVASJI MEHERWANJI SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NUZZER MOHOMMED FUTEHALLY, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; and TRIBHOWANDAS VURJEEWANDAS, Esq.

The MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 25th instant was postponed.

Considered again the following motion moved on the 25th instant :—

"Proposed by Narayen Ganesh Chandavarkar, Esq., seconded by Rustomjee Dhunjibhoy, Esq.—

No. 7236. "That by-law No. 10 be passed."

On a division, there were 10 votes *for* and 16 *against* the motion which was *lost*.

The proposed by-law was therefore struck out.

*By-law* 11 (now 10).—On the motion of Narayen Ganesh Chandavarkar, Esq., seconded by Rustomjee Dhunjibhoy Sethna, Esq., by-law 11 (now 10) was agreed to.

*By-law* 12 (now 11).

It was proposed by Narayen Ganesh Chandavarkar, Esq., seconded by Rustomjee Dhunjibhoy Sethna, Esq.—

"That by-law No. 12 be passed."

The Hon'ble Mr. Pherozeshah M. Mehta proposed that the word "shall consider" in line 2 to the word "Committee's" in line 9, be *struck out*, and that the following words be inserted in place thereof :—"provide for its."

This was agreed to, and the rule, as thus amended, was passed.

*By-law* 13.—The Hon'ble Mr. Pherozeshah M. Mehta suggested that this by-law be omitted.

On a division, it was resolved that the by-law be *struck out.*

*By-law* 14 (now 12).—This was agreed to.

*By-law* 15 (now 13) was also agreed to.

*By-law* 16.—On the motion of the Hon'ble Mr. Pherozeshah M. Mehta, it was agreed to strike out this proposed by-law, and to make provision in by-law 18 for the submission of audited accounts.

*By-law* 17 (now 14) was passed.

*By-law* 18 (now 15).—On the motion of the Hon'ble Mr. Pherozeshah M. Mehta, it was agreed to strike out the draft by-law and to insert the following in place thereof :—

"15. The accounts of the Joint Schools' Committee shall be audited by the Municipal Auditors, and after audit, copies of the said accounts shall be submitted to the Corporation and to the Director of Public Instruction."

The draft tabulations appended to the by-laws were passed without alteration.

With the permission of the President and the consent of the meeting, the following notices from Reginald Gilbert, Esq., and H. O. Selby, Esq., were *withdrawn* :—

BOMBAY, *9th February* 1889.

H. W. BARROW, Esq., Municipal Secretary.

DEAR SIR,—Please take notice that, at the next meeting of the Corporation, I shall move that the Municipal Commissioner be asked if he can give any explanation as to the cause or causes which have led to the destruction of such large quantities of hay and straw by fire in Bombay during the last four years, and whether he proposes to take any steps in future to issue licenses for the storage of hay and straw so that it be impossible to store very large quantities of hay and straw in open place and so as to compel licensees to stack their hay and straw in more numerous places than heretofore and at distances wide apart from each other.—Yours, &c., REGINALD GILBERT.

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BOMBAY, *7th December* 1889.

Mr. H. O. Selby to move—

"That the President do write and ask Government whether they will be pleased to join with the Corporation in appointing a Commission to enquire into and report on the best means of disposing of town sweepings."

Similarly, notices of motion from Thomas Blaney, Esq., and Javerilal Umiashankar Yajnik, Esq., dated 21st instant, relative to the budget of the Joint Schools' Committee, were *withdrawn*.

The President congratulated the Corporation upon the fact that not only have the arrears of last year been cleared off, but that the whole of the business brought forward this year has been disposed of, so that the new Corporation will commence its life with a new list.

H. WYNFORD BARROW,
Municipal Secretary.

MUNICIPAL OFFICE,
*Bombay, April* 1889.

# PART II.

## PROCEEDINGS OF THE TOWN COUNCIL.

BOMBAY, *4th April* 1888.

AT the regular meeting of the Town Council held this day, there were present:—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 27th ultimo, were signed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 14.—18·25 square yards, or thereabout, at Nos. 17-21, Dhobi Street, at the rate of Rs. 15 per square yard. (In this case, the application for permission to rebuild is made by Hadji Dawood Bowla, Trustee of the estate of Hadji Jaffer Joonus.)

No. 15.—11·95 square yards, or thereabout, at No. 58, Modi Street, at the rate of Rs. 25 per square yard, *plus* Rs. 407-8-7, as compensation for the portion of the building standing on the ground so taken up. (In this case, the application for permission to rebuild rear portion of his house, is made by Mr. Muzwoodin Tyabji.)

Considered memorandum No. 19131, dated 26th March 1888, from the Acting Municipal Commissioner, asking the Council's sanction to the sale to Mr. Abdul HusseinTyabali, of 17·77 square yards, or thereabout, of Municipal land, at Nos. 121—125, Duncan Road, at the rate of Rs. 15 per square yard.

*Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 19131, dated 26th ultimo, sanction be given to the setting forward of Mr. Abdul Hussain Tyabali's house at Nos. 121—125, Duncan Road, for improving the line of the road thereat, and to the sale

No. 16.

to Mr. Abdul Hussain Tyabali, of 17·77 square yards, or thereabout, of Municipal land, now adjoining and fronting the said house, at the rate of Rs. 15 per square yard.

No. 17. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 19127, dated 26th ultimo, the rate of compensation fixed by the Town Council on 21st December 1887, for the ground at No. 61, Kalbadevi Road, the property of Messrs. Nensey Lukhmidas and Morarjee Kallianjee, be increased from Rs. 50 to Rs. 60 per square yard.

On the motion of Surgeon-Major G. Waters, seconded by the Chairman, it was—

No. 18. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 19128, dated 26th ultimo, the rate of Rs. 50 per square yard, fixed by the Town Council on the 21st December 1887, for the ground in Kalbadevi Road taken up from Mr. Narayen Purshotam, be increased to Rs. 60 per square yard.

No. 19. Considered and *recorded* memorandum No. 19122, dated 26th March 1888, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases, sales and work :—

| Supplies, &c. | Sales. | Work. | Name of supplier, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. a. p. |
| 6' lengths patent tanned canvas rubber lined hose, 240 feet, couplings attached (6 pairs), &c., &c. | .... | ..... | Messrs. Richardson & Cruddas. | The Deputy Executive Engineer, Water Works. | For Malabar Hill Reservoir Gardens. | Jan. 1888.. | 378 2 0 |
| 3,100 lbs. beef at 16 lbs. per rupee | .... | ..... | Sha Mahomed Sheroofbhoy. | The Executive Engineer, | For animals, Victoria Gardens. | Do. .. | 193 12 0 |
| 56 lbs. flax at Rs. 42 per cwt., including cooly hire. | .... | ..... | Mr. S. S. Narelwalla | The Municipal Store Clerk. | For Municipal Workshops. | Oct. 1887 .. | 21 0 0 |
| .... | 1 cart load manure at Re. 1 per cart load. | ..... | Municipality. | Mr. Sitaram Dhakji. | .... | Mar. 1888.. | 1 0 0 |
| .... | 10 do. .. | ..... | Do. .. | Mr. H. M. Phipson. | .... | Do. .. | 10 0 0 |
| .... | .... | Printing 1,670 debenture forms. | The Superintendent, Bombay Education Society's Press. | The Controller of Municipal Accounts | .... | Dec. 1887.. | 85 0 0 |

In accordance with notice of motion, it was—

Proposed by Captain Sir Henry Morland—

"That the water main and gas pipes now running through the road way fronting Mr. Jehanghir C. J. Readymoney's house, Nepean Sea Road, be removed forthwith, and the land in dispute be handed over to Mr. Jehanghir.

"That the question of who should bear the cost of the removal be referred to arbitration, and that Mr. Muncherjee Nowrojee Banajee be appointed arbitrator on behalf of the Corporation.

"That, on receipt of the information asked for from Mr. Ollivant, the Acting Commissioner is requested to be good enough to investigate the matter and to report to the Council as to with whom the neglect rests for the details of this transaction, which so materially affect the interests of the Corporation not having been foreseen and attended to."

Mr. Javerilal Umiashankar Yajnik seconded the motion.

On the suggestion of Mr. Rahimtula Mohamed Sayani, the words, "without prejudice to the rights of the Municipality" were inserted before the words "the water main."

Mr. Muncherjee Nowrojee Banajee declined to be nominated as arbitrator. He suggested that provision should be made in the resolution for obtaining the sanction of the Corporation to any outlay that might be requisite for the removal of the pipes.

Mr. Rahimtula Mohamed Sayani whose name was inserted in place of that of Mr. Muncherjee Nowrojee Banajee, also declined to act as arbitrator.

The word "forthwith" was *struck* out.

The motion, as thus amended, read as follows :—

"That, subject to the sanction of the Corporation being given to the outlay of Rs. 1,500, from Surplus Cash Balance to defray the possible necessary expenditure, the Town Council sanction the following arrangements :—

No. 20.

'That, without prejudice to the rights of the Municipality, the water main and gas pipes now running through the road way fronting Mr. Jehanghir C. J. Readymoney's house, Nepean Sea Road, be removed, and the land in dispute be handed over to Mr. Jehanghir.

'That the question of who should bear the cost of the removal be referred to arbitration, and that the Acting

Municipal Commissioner be asked to select the arbitrator on behalf of the Corporation.'

"That, on receipt of the information asked for from Mr. Ollivant, the Acting Commissioner be requested to be good enough to investigate the matter and to report to the Council as to with whom the neglect rests for the details of this transaction, which so materially affect the interests of the Corporation not having been foreseen and attended to."

*Amendment*, moved by Sir Frank H. Souter, seconded by Colonel Merewether—

"That no further steps be taken in the matter of the setting forward of Mr. Jehangir C. J. Readymoney's house until the receipt of Mr. Ollivant's reply to the letter despatched to him by Mr. Charles, on 2nd March last."

On a division, there were 5 votes *for* and 6 *against* the amendment which was *lost*.

Before the original proposition was put to the vote the Chairman suggested that the words "as well as of such other liability as may arise in consequence of Mr. Ollivant's reply" be inserted after the word "removal."

The suggestion having been accepted by the mover and seconder of the motion, the words as above were accordingly added and the motion was *carried* by 7 votes *against* 4 accordingly.

Considered letter No. 19220, dated 27th March 1888, from the Acting Municipal Commissioner, asking the Council's sanction to the extension of the time of the contract for the construction of Fire Brigade Station at Gamdevi Road, from 31st December 1887 to 15th April 1888. The Acting Commissioner states that chief reason for the necessity of an extension of time is that concrete vaulting was substituted for the timber and tiled roof over the lascars' quarters, and concrete requires considerable time to set.

In reply to Sir Henry Morland, the Acting Commissioner said there will be no extra expenditure entailed on the Municipality by this arrangement.

On the motion of the Chairman, it was—

No. 21. *Resolved*: That sanction be given to the extension of the time of the contract for the construction of Fire Brigade Station at Gamdevi Road, from 31st December 1887 to 15th April 1888.

No. 22. On the application of the Acting Municipal Commissioner, made in his memorandum No. 19288, dated 27th ultimo, sanction was given to the continuance for three months more, from 1st March 1888, of the services of three Sub-Inspectors employed, as per Town Council's Resolution No. 1756, dated 7th December 1887, for supervising the work of metalling certain roads, the charge to be debited to the balance of the grant, sanctioned by the Corporation, in its Resolution No. 1541, dated 14th November 1887, for full metalling of such roads.

Read the following :—

No. 1372 OF 1888. THANA COLLECTOR'S OFFICE, VESAWA, *20th March* 1888.

TO THE ACTING MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

SIR,—With reference to your letter No. 17752 of the 5th instant, I have the honour to state that I agree with you that the Patel of Tulsi is, under the circumstances set forth therein, entitled to an annual cash allowance of Rs. 10 only, to be paid by the Bombay Municipality, from the 29th March 1884, since which time the Khot has apparently discontinued the payment of the allowance.

2. The Patel will of course be responsible for protecting Municipal property and carrying out any regulations necessary for preventing fouling of the water and he will be informed accordingly.

3. I believe the Patel resides in Clarabad, but I have written to the Mamletdar to ascertain for certain, and will let you know hereafter. —I have, &c., G. VIDAL, Collector.

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No. 19078 OF 1887-88.

*26th March* 1888.

Forwarded to the Town Council for favour of sanction to the payment out of the Water Works Contingent grant at Rs. 10 per annum from 29th March 1884.

F. L. CHARLES, Acting Municipal Commissioner.

No. 23. It was *resolved* that sanction be given to the payment of an allowance of Rs. (10) ten per annum watan from 29th March 1884, to the Patel of Tulsi, the charge to be debited to the grant for contingencies, Water Works, Engineer's Department.

The consideration of the following was postponed :—

(1) Resolution of the Corporation No. 2707, dated 26th March 1888, on the subject of the application for sanction to the expenditure, to provide for the cost of road through Nowrojee Hill, from Elphinstone Bridge to Dongri Street.

(2) Ditto ditto No. 2708, dated 26th March 1888, on the subject of the proposed Vaccination Depôt and Stables.

(3) Resolution of the Corporation No. 1859, dated 19th December 1887, on the subject of application for grant in aid towards Female Medical Education.

No. 24. The following Sub-Committees of the Council were appointed :—

*Finance Committee.*

THE CHAIRMAN, *Ex. Officio*; COWASJEE HORMUSJEE, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I.

*Works Committee.*

THE CHAIRMAN, *Ex-officio*; COLONEL G. L. C. MEREWETHER; SIR HENRY MORLAND, KT.; NANABHOY B. JEEJEEBHOY, Esq.; RAHIMTULA MOHAMED SAYANI, Esq.; SURGEON-MAJOR G. WATERS.

The following were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 25th March and 1st April 1888.*

Report of the D Police Division of fire in a large cudjan shed at Charni Road, on the 15th March 1888 : damage done about Rs. 100.

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BOMBAY, 11*th April* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G.L.C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the SECRETARY.

In the absence of the Chairman on account of severe indisposition, it was resolved, on the motion of Raghunath Narayan Khote, Esq., seconded by Surgeon-Major Waters, that Sir Henry Morland do take the chair.

The minutes of the meeting held on the 4th instant, were signed.

The Acting Municipal Commissioner informed the Council that he proposes to sell the Government paper belonging to the Municipal Building Fund at rates not less than 107 per cent.

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* *See* Appendix B.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Raghunath Narayan Khote, Esq.,—

"That the Acting Municipal Commissioner be authorized to sell the 4½ per cent. Government paper belonging to the Municipal Building Fund, and aggregating six lakhs of rupees, at rates not less than 107 per cent. No. 74.

"That the question of the investment of the proceeds of the sale of the said six lakhs of rupees be postponed."

*Carried.*

Read letter No. 558, dated 11th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to request the sanction of the Town Council to accept the tender of Messrs. Richardson and Cruddas as agents for Messrs. Doulton & Co., the makers who have hitherto supplied pipes to the Municipality, for the supply of best London-made stoneware pipes, for the Queen's Road and Girgam Drainage section, at rates amounting to Rs. 1,81,505, as against the estimate of Rs. 2,05,651.

This is the lowest of the two tenders received for the quality known as "London-made" pipes, and which have hitherto always been employed by the Municipality, being recognized as the best made.

It is right to mention that there was another tender for a quality known as "country-made" pipes, at rates considerably less; but the Municipality has wisely hitherto insisted on using the best description of pipes obtainable, and I cannot recommend that the practice hitherto followed should be departed from in a matter of so much importance. —I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to the acceptance of the tender of Messrs. Richardson and Cruddas, as agents for Messrs. Doulton and Co., for the supply of Doulton's best London-made stoneware pipes, required for the Queen's Road and Girgam District sewerage works, at schedule rates, aggregating Rs. 1,81,505. The cost to be debited to the grant sanctioned by the Corporation's Resolution No. 894, dated 28th July 1887." No. 75.

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That sanction be given to the acceptance of Messrs. Hirjee and Raojee's tender for the construction of catch-water channel to the east of dam No. 3 at Vehar Lake, at schedule rates, aggregating Rs. 5,179-8-0, exclusive of cost of land. No. 76.

"The Town Council dispense with the invitation for tenders for this work which would otherwise be necessary, in consequence of it being necessary to complete the work before the setting in of the next rainy season.

"That the Acting Municipal Commissioner's Report of his proposal to accept the tender of Mr. Ardesher Framji, for the continuation of the existing catch-water channel on the west side of Vehar Lake, at schedule rates, aggregating Rs. 2,525, exclusive of cost of land, be *recorded.**

"That the Town Council, by virtue of the last paragraph of Section 56 of the Municipal Acts, dispense with the invitation for tenders for the execution of these works, which would otherwise be necessary, as it is very desirable that they should be completed before the commencement of the next rainy season."

*Carried.*

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 77.—38·22 square yards, or thereabout, at Nos. 35-37, Edulji Street, Colaba, at the rate of Rs. 5 per square yard. (In this case, the application for permission to rebuild is made by Mr. Vusonji Nundji.)

No. 78.—6·88 square yards, or thereabout, at Nos. 502-506, Nagdevi Street, at the rate of Rs. 20 per square yard. (In this case, the application for permission to rebuild is made by Mr. Ismael Joosub.)

No. 79.—1·83 square yards, or thereabout, at No. 89, Kamathipura 6th Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Sayema, wife of Syedoo.)

No. 80.—408 square yards, or thereabout, at Dadur Road, at the rate of Re. 1 per square yard. (In this case, the application for permission to build is made by Mr. Manekji Edulji, Contractor.)

No. 81.—23·34 square yards, or thereabout, at Parsi-wada 1st Street, at the rate of Rs. 8 per square yard, *plus* Rs. 152-6-4, as compensation for compound wall standing on the ground so taken up. (In this case, the application for permission to build is made by Mr. Runsordass Premji.)

No. 82.—110·45 square yards, or thereabout, at New Cross Road, between the proposed new roads Nos. 4 and

* NOTE.—This was a verbal application from Mr. Charles. No letter has been received from him on the subject.

8, Agripada, at the rate of Rs. 3 per square yard. (In this case, the application for permission to build is made by Bhoosabi, daughter of Mr. Amirbhoy Jumalbhoy.)

Read letter No. 413 B, dated 11th instant, from the Acting Executive Engineer, to the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to forward the accompanying estimate of the probable cost (amounting to Rs. 2,994), of acquiring 243·20 square yards of land for street improvement on the Ridge of Malabar Hill in front of Mr. Sassoon's property, extending from the top of Mount Nepean northwards to a distance of about 330 feet. The estimate provides for removing and rebuilding a portion of the compound wall and for blocking up the old windows, and making new openings on a higher level in the side wall of Mr. Sassoon's prayer room to secure the privacy thereof. There are some few trees in the way of the improvement, and they will have to be cut down ; but no provision has been made in the estimate on account of them as they are not of much value, and it is assumed that Mr. Sassoon will make no demand for them.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer.

Proposed by Surgeon-Major Waters, seconded by Sir Frank H. Souter—

"That sanction be given to the taking up of 243·20 square yards, or thereabout, of ground at Ridge Road, Malabar Hill, the property of S. D. Sassoon, Esq., and fronting St. Vincent's, required for the improvement of the thoroughfare thereat, at the rate of Rs. 7 per square yard, *plus* Rs. 562, as compensation for compound wall standing on the ground so taken up."

No. 83.

*Carried.*

Read letter No. 550, dated 11th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—With reference to Corporation Resolution No. 1392, dated 20th October 1887, I have the honour to forward copy of the Resolution of Government No. 1975, dated 26th ultimo, and to request that the Corporation may now be moved to purchase the land at Rs. 3 per square yard. The cost to be paid out of surplus cash balance.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 1975.

REVENUE DEPARTMENT.

Bombay Castle, 26th March 1888.

Letter from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R.—2372, dated 16th November 1887 :—

"I have the honour to inform you that in the year 1884, as an offer for the purchase of a piece of Government vacant land situate behind the Malabar Hill Reservoir, and measuring about 2,425

square yards, was received, the usual reference was made to the Municipal Commissioner with a view to ascertain whether he had any objection to the sale of the land. In reply the Municipal Commissioner requested that the land should not be sold to any one without giving him the option of purchasing it for Municipal purposes.

"I offered the land to the Municipality at 2 rupees per square yard with ground rent at 1 pie per square yard per annum, on a 99 years' renewable lease, and on a further condition that the sale would be subject to the sanction of Government.

"The Commissioner has now forwarded to me copy of the Resolution passed by the Corporation stating that the land is required for a public purpose, *i.e.*, for filter beds, and expressing the hope that Government will see their way to either grant it free of charge or to charge only a nominal sum, &c. A copy of the Municipal Commissioner's letter is herewith sent.

"I may add here for the information of Government that the land in question has been let at present on a tenancy-at-will for which rent of Rs. 12 is received a month, or Rs. 144 a year.

"In these circumstances I beg respectfully to leave it to Government to decide whether the land should be made over to the Municipality, and if so on what terms."

Memorandum from the Public Works Department of the Secretariat, No. 156B., dated 4th February 1888—Re-transferring the papers forwarded to that Department with Government memorandum No. 8605, dated 17th December 1887; and observing that the terms on which the land should be alienated should be determined in this Department.

Memorandum from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R.—602, dated 7th March 1888—Stating, with reference to Government memorandum No. 1164, dated 20th February 1888, that he estimates the value of the land therein referred to at Rs. 3 per square yard.

RESOLUTION.—The land in question may be sold to the Municipality at the market value, which at Rs. 3 per square yard amounts to Rs. 7,275.

JOHN NUGENT, Chief Secretary to Government.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 84. "That the Corporation be recommended to sanction the expenditure of Rs. 7,275, from Surplus Cash Balance, to meet the cost of 2,425 square yards, or thereabout, of Government land at Malabar Hill, required for the future extension of the filter beds there, at Rs. 3 per square yard."

*Carried.*

No. 85. On the application of the Acting Municipal Commissioner, made in his letter No. 551, dated 11th instant, sanction was given to the expenditure

of Rs. 180, to meet the cost of erecting wall round the site acquired at Khetwadi Main Road, for the erection of urinal thereon ; the cost to be debited to the grant of Rs. 20,000, for latrines and urinals.

No. 86. It was agreed that the following be *recorded* :—

BOMBAY, 5*th April* 1888.

To F. L. CHARLES, Esq., Acting Municipal Commissioner.

SIR,—We have the honour to report that the Hon'ble Mr. Justice Scott has this morning delivered judgment in your favour in the suit marginally noted, the hearing of which, as you know, was recently going on in the High Court.

*Subject :* HIGH COURT SUIT. Vazirbhoy Thavar *vs.* The Municipal Commissioner.

His Lordship considers that the plaintiff's claim to damages was preposterous ; that the Rs. 2,000 paid into Court by the Municipality at the time of filing the written statement of defence was sufficient to cover all damage sustained by the plaintiff by reason of the slight extent to which the level of the roadway has exceeded the line agreed on, and that the plaintiff ought to have accepted it as such.

Up to the date of payment into Court of that amount the plaintiff's costs (which will be comparatively trifling) are to be paid by the Municipality, and from that date he is to bear his own costs and is also to pay the costs of the Municipality, with the exception of their costs of one day's hearing ; as to that one day's hearing each party is to bear their own costs.

The ground on which his Lordship directed that the plaintiff should be exempted from this portion of the costs of the Municipality, was that the latter were unsuccessful upon one of the legal contentions put forward at the hearing, and that on this account some small allowance might be made to the plaintiff in the matter of costs. Briefly stated, the result of the case is that the plaintiff's claim is altogether disallowed, except as to the Rs. 2,000, which was brought into Court, and he will have to bear a very considerable portion of the costs of the Municipality.

We will at once apply for a copy of the judgment and forward it to you for record as soon as we receive it.—We have, &c., CRAWFORD & BUCKLAND.

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No. 179 of 1888-89.

BOMBAY, 6*th April* 1888.

Copy forwarded to the Town Council with reference to their Resolution No. 1698, dated 30th November last, for information.

F. L. CHARLES, Acting Municipal Commissioner.

Read memorandum from the Acting Municipal Commissioner, forwarding application from the Chairman, Britannia Mills, Limited, stating that the Company propose to build a mill on a plot of land near Fergusson Road, but that they have no access to such land except by the contemplated road along the line of the Tulsi water main. When

this land for the main was acquired by the Municipality, it was expressly stipulated that a road of 50 feet wide would be made along the line, but the work has remained in abeyance. The Chairman now applies to the Acting Commissioner for permission to make, at the Company's own expense, a road on the western side of the pipe line up to the site of the mill. The Acting Commissioner, in forwarding the above application, asks the Council to recommend the Corporation to accord its sanction to the application.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 87. "That the Corporation be recommended to sanction the laying out of the Tulsi pipe line from the south side of Fergusson Road to Haines Road, as the line of a future public thoroughfare.

"(2.) That the present construction by the Britannia Mills Co., Ld., at their own expense, of the portion of such road (350 lineal yards, or thereabout,) as they propose to make, in order to give access to the Company's Mill, be sanctioned in view to the said portion being eventually taken into and made to form part of the future road.

"(3.) That the construction of such part of the road be made entirely at the cost of the Company, and that they give an undertaking that they will claim no compensation whatever when the road is finally taken over by the Municipality, or at any other time.

"(4.) That the portion of roadway to be made by the Company be constructed under the orders of the Municipal authorities, and that it be maintained to the satisfaction of the Municipal Commissioner.

"(5.) That the Company shall not claim any title whatever to the Municipal ground over which this portion of the road will pass.

"(6.) That the Company shall always permit the public to make use of this road as if the same had been made by the Municipality.

"(7.) That the Municipal officers shall be at perfect liberty to make any alterations or repairs they may find necessary at any time to the Tulsi pipe line lying in that part of the road which is now to be constructed by the said Company."

*Carried.*

Read letter No. 178, dated 6th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward a tracing showing the line I propose to adopt as the future line of Church Gate Street, and to request the approval of the Town Council and the Corporation to it.

Under ordinary circumstances it would be unnecessary for me to refer this matter for the approval of the Corporation, as the Commissioner has power on his own authority to lay down the street improvement line.

But under the new Act, Section 287, improvements to cost over Rs. 5,000 require the sanction of the Corporation, and as the greater part of this scheme will be paid for in after years as houses are rebuilt, I think it better to lay it before the Corporation at once, owing to a building application having been received which must be dealt with so far as the set back is concerned, according to the width to be fixed.

Church Gate Street is the only direct entrance into the business centre of the Fort, and its present width with only about 30 feet of carriage way is altogether insufficient for the traffic.

To the east of Cowasji Patel Street, it widens opposite the Cathedral to 75 feet, and this width undoubtedly should be maintained throughout its length, the boundary of the northern side of the street being in a straight line from the Elphinstone Circle to the Hornby Row.

The whole area to be acquired by this proposal is 1,378 square yards. The last rate paid in this street in 1883 was Rs. 60. This would make the cost Rs. 82,680, but as the land will only be taken up by degrees as houses are rebuilt, it is probable that the entire cost of the scheme might be rather more, if the value of land continues to rise.

Considering the very important position of Church Gate Street, both with reference to the ordinary daily traffic, and as the main street leading to the Town Hall, I am certain that no consideration of expense should prevent the Corporation from passing a resolution approving of this proposal ; because without it the Elphinstone Circle, on which so much has been spent, and the Hornby Row with its grand proportions are left with nothing but a mere lane as a means of communication.

The expenditure will of course not be required at once, or in full for many years to come, but sooner or later all the houses will require rebuilding.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Sir Henry Morland, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 88. "That, as recommended by the Acting Municipal Commissioner, the Corporation be recommended to sanction the improved line as shown on the tracing* marked A, dated this day, accompanying the

* Filed in Supplement to Minute Books.

Acting Commissioner's letter No. 178, dated 6th instant, as the future line of Church Gate Street."

*Carried.*

The seal of the Corporation was affixed to deeds of conveyance—

No. 89. From Mr. Kurimji Alibhoy, of ground taken up for the improvement line of Nakhoda Street. (The Acting Executive Engineer, in his letter No. 177B, dated 7th April 1888, to the Acting Municipal Commissioner, states that Mr. Kurimji Alibhoy is the proper person to receive compensation in this case, not Nuvivuhoo, widow of Thakur Ludha Lukhmidass, in whose name sanction to the taking up of the ground was given by the Council in their Resolution No. 439, dated 30th June 1886.)

No. 90. From Mr. Dawoodbhai Tajiani, of ground taken up for the improvement line of Jail Road. (The Acting Executive Engineer, in his letter No. 174 B, dated 7th April 1888, to the Acting Municipal Commissioner, states that 40·03 square yards of ground only were taken up in this case, being 2·64 square yards less than the area, 42·67 square yards, sanctioned by the Council on the 10th September 1884.) The rate paid was Rs. 12 per yard.

The seal was affixed to 88 debentures in the Drainage and Water Works Loan, namely, 10 debentures of Rs. 500 each, Nos. 1 to 10, both inclusive ; 10 ditto of Rs. 1,000 each, Nos. 11 to 30, both inclusive ; 52 ditto of Rs. 5,000 each, Nos. 31 to 550, both inclusive ; 6 ditto of Rs. 500 each, both inclusive, 7 ditto of Rs. 1,000 each, Nos. 557 to 570 both inclusive ; and 3 ditto of Rs. 5,000 each, Nos. 571 to 600, both inclusive.

Considered again Resolution of the Corporation, No. 1859, dated 19th December 1887, on the subject of application for grant-in-aid towards Female Medical Education, as under :—

"That letter from Government, No. 2827, General Department, dated 19th September 1887, and letter thereon from the Solicitors to the Municipality, be referred to the Town Council for favour of report, and that the further consideration of the question by the Corporation be postponed until such report is received."

Read letter No. 17652, dated 2nd ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour, with reference to Town Council Resolution No. 2008 of 11th January 1888, to forward a memorandum, dated 11th February 1888, by the Principal, Grant Medical College, in which he explains the reasons why it is desirable to establish scholarships for female students.

His proposals are approved by the Director of Public Instruction. They involve an expenditure of Rs. 80 per mensem, or Rs. 960 per annum, and provide for three scholarships per annum, each scholar to undergo a four years' course of training.

The Solicitors have given their opinion, dated 3rd December 1887, to the effect that such a grant would be quite legal, but could not be made for more than one year in advance.

Under these circumstances I see no objection to the grant being recommended from 1889-90, the Director of Public Instruction being informed that no promise of continuance can be made, the grant being subject to the vote of the Corporation at each annual Budget meeting.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 859 OF 1887-88.

TO THE DIRECTOR OF PUBLIC INSTRUCTION, POONA.

BOMBAY, 11*th February* 1888.

SIR,—In returning, as directed, the papers referred to in your memorandum No. 6376 of the 6th instant, I have the honour also to submit the report called for, with the remark that professional education amongst the earlier male students at this college was at least much aided by inducements of monthly stipend or of gratuitous instruction, granted on a more liberal scale than afterwards was found needful to maintain the classes. And therefore it seems likely that female medical education would be encouraged by such means as are below suggested, with the further presumption that if the scheme for women meet a genuine want it will speedily become more or less independent of collateral eleemosynary support.

2. In deciding upon the particular manner in which the annual sum of Rs. 960 (or in round numbers Rs. 1,000), named in para. 7 of the memorandum, might be raised or voted, it should be remembered that as female students may be induced to join the College by the prospect of a stipend, it is desirable that due notice be given beforehand of any intention to withhold scholarships for one or more coming years.—I have, &c., H. V. CARTER, M.D., Principal, Grant Medical College.

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Memorandum intended for information of the Municipal Commissioner for the City of Bombay.—*Vide* letter No. 859, dated 11th of February 1888, addressed to the Director of Public Instruction.

The Grant College receives two classes of female students, *viz.*, the matriculated seeking University qualifications, and the non-matriculated who either pertain to the College Certificated Practitioner Class (Regulations attached marked A ) or who enter simply as casual students of midwifery, &c. (under Regulations, B). There are also

specially admitted for training as midwives and nurses, two wives of soldiers selected by the military authorities.

2. All students passing the Matriculation Examination with a classical language are qualified for direct admission. All class instruction being in English and of technical kind, the lowest preliminary educational qualification of the certificated class is standard VI. Casual students are not under such educational restriction, they having no claim to official recognition by either examination or certificate.

3. The University curriculum extends over 4 to 5 years, and that of the College qualification 4 years. Casual studends attend for (3) three or six (6) months according to their choice. Soldiers' wives reside for 6 months.

4. The cost inclusive of professional education here for the complete college courses, may be stated for each class of students as follows :—

| | Matriculated Class. | Certificated Class. | Casual Students, each Subject. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| College fees ... ... | 625 | 245 | 20 to 40 |
| Text books ... ... | 135 | 135 | ..... |

5. As regards exhibitions and scholarships in aid of the more industrious and intelligent female students of all grades, young women of the matriculated class have already a chance of obtaining such help by competing with men, year by year, * but their numbers being comparatively much fewer, it seems desirable that a separate scholarship of Rs. 10 per mensem be added for their special benefit, to be awarded to the best student of each year, provided that she obtains on trial one-half full marks set in each subject.

6. Referring next to the Certificated Practitioner Class, it may be suggested that similar advantages to the above be offered here, only at reduced rate, as follows :—Two scholarships, each of Rs. 5 per mensem, to be awarded at discretion of the Principal upon entry ; two to be given during the second year upon results of examination at close of first year ; two to be given during the third and fourth years upon results of examination at close of second and third years. respectively.

7. The total estimated cost per mensem would thus be Rs. 80 as follows :—

| Grades aided. | Matriculated class, one Scholarship at Rs. 10 per month. | Certificated class, two Scholarships at Rs. 5 per month. |
|---|---|---|
| | Rs. | Rs. |
| First year's students..... | 10 | 10 |
| Second „ „ ..... | 10 | 10 |
| Third „ „ ..... | 10 | 10 |
| Fourth „ „ ..... | 10 | 10 |
| Monthly Total Rs.... | 40 | 40 |

H. V. CARTER, M.D., Principal, Grant Medical College.
February 1888.

* *Vide* Notification marked O.

Proposed by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major G. Waters :—

No. 91. "That, with reference to its Resolution, dated 19th December 1887, the Corporation be informed that the Town Council recommend that a grant-in-aid towards Female Medical Education, of Rs. 80 per mensem or Rs. 960 per annum, be made commencing from the year 1888-89."

*Carried.*

No. 92. Considered and *recorded* memorandum No. 176, dated 6th instant, from the Acting Municipal Commissioner, reporting under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorized the following sales :—

| Sales. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| | | | | | Rs. a. p. |
| 10 cart-loads manure at Re. 1 per cart-load. | Municipality. | Mrs. Bapty. | .... | March 1888 .. | 10 0 0 |
| 1 cart-load manure at As. 8 per cart-load. | Do. .. | Mr. R. F. Goode. | .... | Do. .. | 0 8 0 |

Considered memorandum No. 559, dated 11th instant, from the Acting Municipal Commissioner, asking the Council to sanction the expenditure of Rs. 2,600, to providing a 12″ water main at Gibbs Road.

Proposed by Sir Frank H. Souter, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 93. "That sanction be given to the expenditure of Rs. 2,600, from the grant of Rs. 51,475, for laying water mains in various streets, to meet the cost of a 12″ water main at Gibbs Road.

"That the following be *recorded* :—Letter No. 559, dated 11th April 1888, from the Acting Municipal Commissioner, reporting that he has entrusted this work to Messrs. Dinshaw Cowasjee Bhedwar & Co., the contractors for laying water main in Frere Road, at their contract rates amounting to Rs. 426, *plus* Rs. 44 for cost of contingencies, the iron work to be supplied from the Water Works stores at a cost of Rs. 2,110, the charges for road repairs being Rs. 20."

*Carried.*

Read letter No. 553, dated 11th instant, from the Acting Municipal Commissioner, to the Secretary, asking sanction to the continuance during March and April of the payment of Rs. 1,306-14-0 per mensem to the Port Trust for removing kutchra from the estate, as in the absence of the additional carts and bullocks required for this work, the Health Officer reports that he is unable to do the same.

Proposed by Surgeon-Major G. Waters, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 94. "That sanction be given to the continuance for the months of March and April 1888, of the arrangement made for the removal of kutchra from the Port Trust roads, and to the payment to the Port Trust of Rs. 1,306-14-0 per month, up to 30th April 1888."

*Carried.*

Read letter No. 552, dated 11th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—In order to give effect to Corporation Resolution No. 1480, dated 3rd November 1887, it will be necessary to employ a man on a salary of Rs. 10 per mensem, and to incur an outlay of Rs. 3,000 per annum for the supply of wood. I have, therefore, the honour to request the Town Council to recommend the Corporation to sanction an outlay of Rs. 3,120, to meet the expenses of a clerk and the supply of wood, the charge to be met from surplus cash balances.

Provision will be made for charges in this respect in future Budgets. —I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 95. "That the Corporation be recommended to sanction the outlay of Rs. 3,120, from surplus cash balance, to meet the pay of an attendant at Rs. 10 per mensem, and the supply of wood for the cremation of the bodies of Hindu paupers and out-castes at Haines Road Burning-ground as per Corporation's Resolution No. 1480, dated 3rd November 1887."

*Carried.*

Read letter No. 19441, dated 31st ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—As requested in Town Council Resolution No. 1136, dated 7th September last, I have the honour to forward a list of Inspectors, &c., at present employed on the temporary establishment, the amount of their salaries and the nature of their work.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Return showing the names of Inspectors, &c., on the Temporary Establishment, their Salaries and Works they supervise.*

| No. | Names. | Designation. | Salary. | Nature of work. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. a. p. | | |
| 1 | Mr. Burjorji Nanabhai ... ... | Inspector .. | 80 0 0 | Ovoid Sewer from Crawford Market to Mint. | Commissioner's No. 5376 of 26-7-86. |
| 2 | „ W. Thurley ... ... ... | Do. ... | 150 0 0 | Construction of Small-pox Hospitals | Do. No. 8418 of 6-9-87. |
| 3 | „ H. R. Bragg ... ... ... | Do. ... | 200 0 0 | Kamathipura House Connection Work. | Also performing duties of the deceased Inspector of Drains until new Inspector be appointed. |
| 4 | „ J. Powell ... ... ... | Do. ... | 200 0 0 | Khetwadi House Connection Work and Culvert at Chowpati. | Commissioner's No. 14382 of 5-1-88. |
| 5 | „ Gopinath Ragunath ... | Surveyor ... | 50 0 0 | Khetwadi House Connection Work... | Do. No. 14265 of 24-1-87. |
| 6 | „ E. Fern ... ... ... | Inspector ... | 200 0 0 | Fort Drainage ... ... ... ... | Do. No. 10078 of 5-11-85. |
| 7 | „ Mahadev Ramchundra ... | Surveyor ... | 80 0 0 | Do. ... ... ... ... | Do. No. 11621 of 11-11-87. |
| 8 | „ Balkrishna Parshotum ... | Do. ... | 80 0 0 | Do. ... ... ... ... | Do. No. 12098 of 19-11-87. |
| 9 | „ Nasarvanjee Jamsedjee ... | Do. ... | 80 0 0 | Do. ... ... ... ... | Acting as an Inspector of Roads and Buildings during the absence of the Inspector on leave. |
| 10 | „ Eduljee Mancherji ... ... | Do. ... | 60 0 0 | Do. ... ... ... ... | Commissioner's No. 12752 of 21-12-86. |
| 11 | „ C. S. Hewett... ... ... | Do. ... | 60 0 0 | Do. ... ... ... ... | Do. No. 14265 of 24-1-87. |
| 12 | „ E. J. Hale ... ... ... | Do. ... | 60 0 0 | Do. ... ... ... ... | Do. No. 10078 of 5-11-85. |
| 13 | „ Mervanji Nasarvanjee ... | Do. ... | 60 0 0 | Do ... ... ... .. | Do. No. 12752 of 21-12-86, also doing duty at Khetwadi House Connection Work. |
| 14 | „ Ramchunder Bhikojee Bhundari, | Inspector ... | 180 0 0 | Surveys at Vehar for urgent work ... | Do. No. 8690 of 12-9-87, from 1st August 1887 to 31st January 1888. |
| 15 | „ Jaganath Ransod ... ... | Do. ... | 80 0 0 | Laying water mains in Lady Jamsetji Road and other places. | |
| 16 | „ Peshotan H. Dastoor ... | Do. ... | 80 0 0 | Constructing Road and Sewer at Sankli Tank Road. | Do. No. 7046 of 11-8-87. |
| 17 | „ Laximan Ramchundra ... | Surveyor ... | 80 0 0 | Preparing plans of the Queen's Road Sewerage. | Do. No. 11270 of 4-11-87. |
| 18 | „ Hari Vishnu Lele ... ... | Do. ... | 80 0 0 | Preparing plans of the Queen's Road Sewerage. | Do. do. do. |

BOMBAY, Executive Engineer's Office

JAMES W. SMITH, Acting Executive Engineer.

*Resolved:* "That the return forwarded under the Acting Municipal Commissioner's letter No. 19441,
No. 96. dated 31st March 1888, of the names of Inspectors, &c., employed at present on temporary establishments, the amount of their salaries, and the nature of their work, be *recorded*."

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Surgeon-Major G. Waters—

"That, as recommended by the Acting Municipal Commissioner, in his memoranda Nos. 197 and 198,
No. 97. dated 7th instant, sanction be given to the amount of the arrears of pension contribution due by certain employés of the Town Duty Refund establishment, and the Assessment and Collection Department being received by monthly instalments at 10 per cent. from the respective dates of the appointments of such employés."

*Carried.*

Proposed by Sir Frank H. Souter, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 19440, dated
No. 98. 31st ultimo, sanction be given, under Section 90 of the Municipal Acts of 1872 and 1878, to the charging of Rs. 45 per annum for water supplied to the properties Nos. 3, 4 and 5 (dining place, temple and chawl), at Maruti Lane, Bhuleshwar."

*Carried.*

It was agreed that the following resolutions be referred to the Acting Municipal Commissioner for favour of report :—

(1) Resolution of the Corporation No. 2707, dated 26th March 1888, as follows :—

"That, subject to the sanction of Government being obtained to the raising of the necessary loan,
No. 99. sanction be now given to the expenditure of Rs. 2,63,875, to provide for the cost of road through Nowroji Hill, from Elphinstone Bridge to Dongri Street, the cost to be met from available balances to be adjusted to the debit of the said loan.

"That the Corporation approve of the construction of the road, but refer the matter back to the Town Council for fresh estimate, to include cost of frontages on both

sides for formation of street, so far as may be considered desirable."

(2) Resolution of the Corporation No. 2708, dated 26th March 1888, as follows :—

"That the subject of the proposed Vaccination Depôt and Stables be referred back to the Town Council, with the opinion of the Corporation, that the scheme as now submitted is too costly, and that the Corporation have not hitherto been called upon to provide quarters for the Superintendent of Vaccination."

No. 100.

Considered the following :—

No. 6 OF 1888-89.

BOMBAY, *2nd April* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the end of February 1888. I also send the following plans and diagrams which may be kept in the Council Room, and they will be brought to my office every month to be completed up to the last day of previous month :—

1. Progress section of the Tansa Dam.
2. Skeleton map of line of duct showing progress made generally.
3. Sections of tunnels showing progress made.
4. Diagram of Bassein Creek bridges showing progress made.—I have, &c.,

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

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*Progress Report up to the end of February* 1888.

*Tansa Dam.*—During the month the outturn of masonry was 263,000 cube feet, making the total quantity executed from the commencement of the work 1,824,100 cube feet 100,000 cube feet of excavation in foundations was executed. The average daily number of persons employed on the dam works was 4,800 and 909 carts and donkeys. Fever and ague was very prevalent during the month and there were some cases of small-pox. There were 6 deaths during the month from various causes.

*Duct.*—Earth-work and masonry was in progress at several points along the line of duct ; 300 lineal feet of tunnels were driven. The sinking of the cylinders for Bassein creek bridge No. 3 was in progress, and the main girders for two spans were being put together. The average daily number of persons employed along the work was 4,700. Fever still prevailed to some extent.

48″ *pipes.*—The delivery of these pipes progresses and by the end of the month 19,000 tons had been delivered at Kasheli Bunder. About 470 tons of 27″ pipes for the Arthur Road main had also been delivered.

Both on the dam and duct works there was a good deal of fever amongst the members of the Municipal Staff.

W. CLERKE, C.E., Executive Engineer, Tansa Works.

Statement showing progress made with the work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of Masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| | | C. ft. | |
| State of work at opening of season 1887-88..... | 321 | 933,100 | 8,676,000 C. ft. |
| Work done in October 1887..... | 323 | 26,000 | |
| " " November " ..... | 329 | 80,000 | |
| " " December " ..... | 332 | 250,000 | |
| " " January 1888 ..... | 335 | 272,000 | |
| " " February " ..... | 329 | 263,000 | |
| Total..... | | 1,824,100 | |

Statement showing progress of work on the principal items of the Tansa Duct.

| Items. | Total progress up to | | | | | |
|---|---|---|---|---|---|---|
| | 30-9-87. | 30-11-87. | 31-12-87. | 31-1-88. | 29-2-88. | |
| Excavation for conduit ...c. ft. | 2,160,000 | 3,000,000 | 3,600,000 | 4,150,000 | 4,520,000 | |
| Masonry in conduit ..... " | 47,000 | 50,000 | 87,000 | 120,000 | 172,000 | |
| Tunnelling.....lin. ft. | 259 | 597 | 764 | 1,053 | 1,360 | See detail attached. |
| Excavation in pipe track..c. ft. | 2,120,000 | 2,440,000 | 2,536,000 | 2,650,000 | 2,690,000 | |
| Embankment ..... " | 3,030,000 | 4,000,000 | 4,310,000 | 4,530,000 | 4,790,000 | |
| Tramway laid.....lin. yards. | 5,479 | 6,879 | 7,914 | 8,725 | 8,811 | |
| Erecting bridge cylinders. tons | 126 | 170 | 172 | 176 | 236 | |

TANSA DUCT.

Detail of progress made in tunnels up to the 29th February 1888.

| Number of tunnel. | Progress made. | | | Remaining to be done. | |
|---|---|---|---|---|---|
| | North face. | South face. | Total. | | |
| | Lineal feet. | Lineal feet. | Lineal feet. | Lineal feet. | |
| 1 | 35 | 86 | 121 | 101 | |
| 1A | ..... | 68 | 68 | 460 | |
| 2 | 236 | 328 | 564 | 7,438 | |
| 3 | 35 | 61 | 96 | 969 | |
| 4 | 197 | 29 | 226 | 2,073 | |
| 5 | 33 | 172 | 205 | 394 | |
| 6 | ..... | ..... | ..... | 740 | |
| 7 | 8 | 72 | 80 | 3,338 | |
| | | | 1,360 | 15,513 | |

W. CLERKE, C.E., Executive Engineer, Tansa Works.

It was agreed that the report be *recorded*, and that the thanks of the Town Council be given to Mr. Clerke for the care taken by him in the preparation of the drawings accompanying the report, which are now posted on the wall for reference of any members of the Corporation wishing to inspect the progress of the several works.

No. 101.

Considered memorandum No. 280, dated 7th instant, from the Acting Municipal Commissioner, forwarding the Health Officer's Report* for the Fourth Quarter of 1887.

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

"That the Acting Commissioner be requested to obtain from the Health Officer a return of the death rate in each district during the past 10 years, an asterisk being placed against such of the districts as have been drained and sewered during that period.

No. 102.

"That the Health Officer's report for the Fourth Quarter of 1887 be passed on to the Corporation."

*Carried.*

The following were laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 8th April 1888.†

Report of the A Police Division, of fire, in the Bombay Cotton Press at Lower Colaba, on the 25th March 1888: damage done, roughly estimated at Rs. 3,000.

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BOMBAY, 18*th April* 1888.

AT the regular meeting of the Town Council, held this day, there were present:—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.A.S., F.S.S., (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 11th instant, were signed.

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* *See* Appendix **A.**

† *See* Appendix **B.**

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 369.—1·89 square yards, or thereabout, at No. 263, Sheik Memon Street, at the rate of Rs. 75 per square yard, *plus* Rs. 85 as compensation for structure standing on the ground so taken up. (In this case, the application for permission to rebuild the rear portion of his house, is made by Mr. Virchund Pitambar.)

No. 370.—5·80 square yards, or thereabout, at Sheik Memon Street, at the rate of Rs. 75 per square yard. (In this case, the application for permission to rebuild the rear portion of his house, is made by Mr. Rahimbhai Abdulabhai.)

No. 371.—20·84 square yards, or thereabout, at Nos. 37-39, Gowallia Tank Road, at the rate of Rs. 4 per square yard. (In this case, the application for permission to rebuild is made by Messrs. A. F. DeSouza and L. P. DeSouza.)

No. 372.—4·88 square yards, or thereabout, at Nos. 9-11, Khetwadi 10th Lane, at the rate of Rs. 8 per square yard. (In this case, the application for permission to rebuild is made by Hadji Salay Mahomed Hadji Oomer.)

No. 373.—162·22 square yards, or thereabout, at Colaba Road, at the rate of Rs. 10 per square yard. (In this case, the application for permission to build is made by Mr. Babaji Bhawoo Simpi.)

No. 374.—1·79 square yards, or thereabout, at Nos. 84-90, Kamathipura 3rd Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Mr. Rajoo Babaji.)

No. 375.—93·34 square yards, or thereabout, at proposed new road No. 2, Agripada, at the rate of Rs. 3 per square yard. (In this case, the application for permission to build is made by Mr. Tyabali Ebrahimji.)

Read letter No. 1074, dated 17th instant, from the Acting Municipal Commissioner, to the Secretary, as follows : —

SIR,—Owing to the prevalence of cholera in Atgam, from which much material for the Tansa Works has to be fetched, I have, after careful inspection of the place, decided to sink a well at a distance of about 200 yards from the station, as the present supply of water to the villagers is from a water hole which, as far as I was able to learn, was both filthy and was probably the cause of the severe outbreak of cholera at Atgam.

To sink this well, the Executive Engineer estimates the cost at Rs. 1,000, to the payment of which out of Tansa contingencies, I have the honour to request the sanction of the Town Council.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by the Chairman, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 376. "That sanction be given to the expenditure of Rs. 1,000, from the grant for contingencies, Tansa Water Works, to provide for the cost of constructing a well on the road from Atgam to Tansa, in order that good water may be supplied to the persons employed on the road to the Water Works, as the present defective supply is believed to have given rise to cholera and is likely to delay the progress of the works."

*Carried.*

Considered memorandum No. 1090, dated 17th instant, from the Acting Municipal Commissioner, asking sanction to the construction departmentally of storm water entrances to certain drains.

Proposed by Surgeon-Major Waters, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 377. "That the Acting Municipal Commissioner be authorised to carry out departmentally the following works aggregating Rs. 12,195 :—

| | Rs. |
|---|---|
| Additional water entrances on east side of Parel Road | 3,598 |
| Water entrances in Khetwadi 12th Lane and Charni Road | 1,321 |
| New drain and water entrances in Khetwadi Main Road from 1st to 3rd Lanes | 5,253 |
| Two additional water entrances in Nesbit Road | 569 |
| Water entrances at the Junction of Bapu Khote Street and Erskine Road | 1,008 |
| Two new water entrances in Bellasis Junction Road | 446 |
| Rupees... | 12,195" |

*Carried.*

Considered memorandum No. 1095, dated 18th instant, from the Acting Municipal Commissioner, forwarding for

favor of sealing deed of conveyance to the Rev. Mr. Clutterbuck of land adjoining the Victoria Gardens.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Cowasjee Hormusjee, Esq.—

"That the Town Council decline to sanction the sealing of the deed of conveyance of Municipal land at Victoria Gardens, to the Rev. Mr. G. W. Clutterbuck until the clause reserving to Mr. Clutterbuck the power to require the Municipality to remove at their own cost, a drain which now runs past the ground, be deleted from the deed."*

No. 378.

*Amendment*, moved by Colonel Merewether—

"That the seal of the Corporation be affixed to deed of conveyance to the Rev. Mr. Clutterbuck."

*Not seconded.*

On a division, there were 9 votes *for* and 1 *against* the original motion, which was *carried.*

The seal of the Corporation was affixed to power of attorney in favour of Mr. Maneckji Sheheriarji Bharucha, Acting Superintendent of Roads and Buildings, in the Engineer's Department, to present and admit execution of documents under the Indian Registration Act.

No. 379.

The seal was affixed to deeds of contract—

No. 380. With the Bombay Company, Limited, for the supply of sluice valves and fire hydrants.

No. 381. With Mr. Ardeshir Framji for the construction of chawl at Vehar Lake.

The seal was affixed to 68 debentures in the Drainage and Water Works loan, namely, 50 debentures of the value of Rs. 5,000 each, Nos. 601 to 1100, both inclusive; 10 ditto of Rs. 1,000 each, Nos. 1101 to 1120, both inclusive; and 8 ditto of Rs. 5,000 each, Nos. 1121 to 1200, both inclusive.

Considered and *recorded* memorandum No. 1100, dated 18th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the

No. 382.

* It was stated by the Acting Commissioner that the cost of this work is estimated at Rs. 1,100.

Municipal Acts of 1872 and 1878, that he has authorised the following purchases, sales and works :—

| Supplies, &c. | Sales. | Works. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. Rs. a. p. |
|---|---|---|---|---|---|---|---|
| Punkhas ..... | .... | .... | Mr. Cooverji B. Mistri. | ..... | For Corporation Hall. | Dec. 1887.. | 488 2 0 |
| 3 Rolls Ferro Prussiate paper and one quire mounted sectional paper. | .... | .... | Messrs. Thacker & Co. | The Executive Engineer, Tansa Water Works. | For Office use.. | Jan. 1888.. | 44 1 0 |
| 1 copy Indian Penal Code and 1 copy Criminal Procedure Code in (Marathi). | .... | .... | .... | Do. .. | Do. .. | Oct. 1887 .. | 5 0 0 |
| 3 Rolls Ferro Prussiate paper | .... | .... | Messrs. Thacker & Co. | Acting Executive Engineer. | Do. .. | Jan. 1888.. | 40 8 0 |
| 1 Roll do. .. | .... | .... | Do. .. | Do. .. | Do. .. | Dec. 1887.. | 13 8 0 |
| Water-pipes .... | .... | .... | Messrs. Richardson and Cruddas. | The Deputy Executive Engineer, Water Works. | In connection with laying mains in Lady Jamsetjee Road. | Nov. 1887.. | 169 11 1 |
| Garden pots.... | .... | .... | Mr. Nagu Luxumon. | The Executive Engineer. | For Victoria Gardens. | For Feb. 1888 | 711 0 0 |
| 4 vols. and parts 13 and 14 of Hooker's Flora (British India). | .... | .... | Messrs. Thacker & Co. | The Executive Engineer. | For Office of the Superintendent, Victoria Gardens | Jan. 1888 | 101 6 0 |
| 2,890 lbs. beef & 14 lbs. mutton, at the rate of 16 lbs. and 7 lbs. per rupee, respectively. | .... | .... | Sha Mahomed Sheroobhoy. | Do. .. | For Animals Victoria Gardens. | For Feb. 1888 | 182 10 0 |
| Sponge ..... | .... | .... | Messrs. Kemp & Co. | The Health Officer. | ..... | Do. .. | 1 0 0 |
| 2 lbs. Oakum .. | .... | .... | Do. .. | Do. .. | For sick bullocks. | Jan. 1888.. | 2 0 0 |
| 1 Indian rubber stamp with pad, ink, box complete. | .... | .... | Mr. Fakirji Dinshaw. | The Controller of Municipal Accounts. | For Office use. | Mar. 1888.. | 6 0 0 |
| 2,000 teak spokes at Rs. 19 per 100. | .... | .... | Mr. Alexander McKenzie. | The Municipal Store Clerk. | For stock .... | Feb. 1888.. | 380 0 0 |
| 9 Rolls plain shade coir matting, weighing 32 maunds 20 lbs., at Rs. 8-5 per maund. | .... | .... | The Superintendent, House of Correction. | The Executive Engineer. | For Victoria Gardens. | July 1887 .. | 179 14 10 |
| .... | 6 Tail pieces, 1'6" × 3" bench and 1'6" collar (drain pipes) | .... | Municipality.. | Mr. Raghunath Narayan Khote, C.I.E. | .... | March 1888.. | 35 0 0 |
| .... | Coal ashes (by auction). | .... | Do. .. | .... | .... | Do. .. | 166 4 0 |
| .... | .... | Repainting and figuring 2 old levelling staves. | Mr. Ramkrishna Harichand | The Executive Engineer, Tansa Water Works. | .... | Oct. 1887 .. | 20 0 0 |
| .... | .... | Excavating and filling in banks for laying pipe drains at Taralipura, Phena and Tanghur. | Pospulal Gandia Patel. | Do. .. | .... | Do. .. | 20 9 2 |

| Supplies, &c. | Sales. | Works. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. a. p. |
| ... | .... | Building in rubble stone and lime masonry the ends of 9″ stoneware pipes, under bank including excavation for foundation, &c. | Mr. J. Ellis .. | The Executive Engineer, Tansa Water Works. | .... | Oct. 1887 .. | 98 0 3 |
| .... | .... | Excavating foundation of out houses of new bungalow at Tansa 682¾ cubic feet at the rate of annas 12 per 100 cubic feet. | Huri Pasha .. | Do. .. | .... | Do. .. | 5 1 9 |
| .... | .... | Whitewashing the temporary Bungalow, office and chawl 10,000 feet at the rate of annas 2 per 100 feet. | Murrao Jivaji. | Do. .. | .... | Do. .. | 12 8 9 |
| .... | .... | Repairing and cleaning a stamp of the Cash branch, Controller's Department. | The Indian Rubber Stamp Co. | The Controller of Municipal Accounts. | .... | March 1888. | 6 12 0 |
| .... | .... | Rebinding and repairing old Assessment Books. | Mr. Edulji Furdoonji. | The Assessor and Collector | .... | Do. .. | 205 0 0 |

No. 383. On the application of the Acting Municipal Commissioner, made in his memorandum No. 274, dated 16th instant, sanction was given to the payment of Rs. 200, to meet the cost of two Robinson's anemometers for ventilating shafts; the cost to be debited to the grant sanctioned by the Corporation, in its Resolution No. 1928, dated 7th January 1884.

Considered letter, dated 20th March 1888, from Mr. Jemsetjee Cursetjee Cama, on behalf of Messrs. Alibhoy Esmailjee and Meerbhoy Esmailjee, on the question of water-supply to house Nos. 387-391, Upper Duncan Road.

Read letter No. 565, dated 11th instant, from the Acting Municipal Commissioner, forwarding correspondence on the subject and stating that, for the reasons given in his reply to the applicants, No. 9256, dated 22nd September 1887, their request ought not to be complied with.

Proposed by Colonel Merewether, seconded by Sir Frank H. Souter—

"That, in reply to his letter of the 20th ultimo, Mr. Jemsetjee Cursetjee Cama, for Messrs. Allibhoy Esmailjee and Meerbhoy Esmailjee, be informed that, for reasons stated in the letter (No. 9256, dated 22nd September last) which they have received from the Acting Municipal Commissioner, their request cannot be complied with."

No. 384.

*Carried.*

Considered letter, dated 19th March 1888, from Awabai, widow of Jamsetjee Rattanjee Subadar, on the question of the alleged seizing of her goods in satisfaction of Municipal rates in respect of her property at Marine 3rd Street.

Read letter No. 920, dated 14th instant, from the Acting Municipal Commissioner, forwarding papers on the subject, and remarking that the matter is one purely of executive detail, the applicant refusing to pay assessment on a vacant site belonging to her.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That, in reply to her letter to the Town Council, dated 19th ultimo, Awabai, widow of Jamsetjee Rattanjee, be referred to the letter (No. 5999, dated 6th August 1885), which she has received from the Acting Municipal Commissioner."

No. 385.

*Carried.*

On the motion of Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq., it was—

*Resolved*: "That the following resolution of the Corporation No. 103, dated 12th instant, be referred to the Acting Municipal Commissioner for favor of report:—

No. 386.

'That the Town Council be requested to furnish the Corporation with an estimate of the cost of providing a few of the stalls, in the new fish market, to be erected in the Arthur Crawford Market premises, with marble slabs on which to expose the fish brought to the market for sale.'"

The following were laid on the table:—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 4th and 15th April 1888.*

* *See* Appendix B.

Reports of the C and D Police Divisions of fires—(*a*) in a godown at Moombadevi Tank Road, on the 4th instant: damage Rs. 1,500; (*b*) in a shed at Khumballa Hill, on the 9th idem: damage amounted to Rs. 100.

Read letter from Messrs. F. Fischer & Co., to the Chairman, dated 18th instant, as follows :—

SIR,—We tendered in respect of some stoneware pipes for which tenders were invited, and we are told that although our tender was about Rs. 50,000 below Messrs. Richardson and Cruddas, the tender of this latter firm was accepted.

In justice to our agents in whose name we tendered, and who have been put to some expenses in the matter, we should feel greatly obliged if you could give us the reason of the rejection of our tender and accepting a tender nearly 40 per cent. higher, as we have to write to our agents on the subject.

The tender papers had very strict rules and regulations laid down for tests, &c., and our tender provided that we were willing to have our stoneware pipes subjected to all these tests, and we had further to deposit Rs. 20,000, to guarantee fulfilment of our contract, so if our pipes had not stood the tests they were to be subjected to, we would have been fined, therefore, to refuse our tender on the point of quality would be absurd, as the pipes have not been seen or tested.

We are told that Messrs. *Dalton & Co.'s stoneware pipes were chosen in consideration of a letter on the subject sent in by the Executive Engineer, reporting on the quality and stating that he preferred *Dalton & Co.'s stoneware, as he is unable to judge stoneware pipes, and therefore prefers those of* Dalton & Co. whose manufacture, he knows, he can rely on without test.

If that is the case we think it would have been cheaper to engage a competent expert to test the pipes when supplied, rather than throw Rs. 50,000 away.

In any case, we think it would be but fair to send us a copy of this letter of the Executive Engineer for us to transmit home to our agents.

The firm of manufacturers for which we tendered as agents stands A 1 in London, and it would greatly injure them in India to have their tender at nearly 40 per cent. below Messrs.* Dalton & Co. refused in favor of the latter firm, and therefore we ask you to let us have the Executive Engineer's letter or reason, so that we may explain matters.—We have, &c., F. FISCHER & Co.

No. 337. On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Colonel Merewether, it was agreed by 5 votes (against none), that letter, dated 18th instant, from Messrs. F. Fischer & Co., be *recorded*; and that Messrs. F. Fischer be informed accordingly.

The list of outstanding business (1st April 1888) was proceeded with.

* Qy. Doulton?

"Memorandum No. 2136, dated 30th January 1888, from the Clerk and Secretary, forwarding, for favour of remarks by the Council, as per Resolution of the Corporation, 12th December 1887, petition from residents of Borebhat Lane, praying that the sanitary condition of the lane may be improved. Referred to the Acting Municipal Commissioner for favor of report—8th February 1888."

Read memorandum No. 1210, dated 18th instant, from the Acting Municipal Commissioner, as follows:—

MEMORANDUM.—Borebhat Lane is included in the Queen's Road and Girgaum Drainage Section. The contract for this drainage work has, as the Town Council are aware, been let on 22nd February 1888. I have already ordered that the work should begin from the Sonapore District. The Executive Engineer and the Health Officer are of opinion that there is no special reason why the drainage of Borebhat Lane should be taken in hand before any other part of the district, and hence this lane will be taken in hand in the ordinary course—F. L. CHARLES, Acting Municipal Commissioner.

It was agreed that the foregoing report be forwarded to
No. 388. the Corporation with reference to the petition.

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BOMBAY, 25*th April* 1888.

AT the regular meeting of the Town Council held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SIR FRANK H. SOUTER, KT., C.S.I., C.I.E.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 18th instant, were signed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets:—

No. 619.—23·56 square yards, or thereabout, at Parel Village, at the rate of Re. 1 per square yard. (In this case, the application for permission to build is made by Mr. Raghunath Abajee.)

No. 620.—5·61 square yards, or thereabout, at No. 67, Lohar Street, at the rate of Rs. 15 per square yard. (In this case, the application for permission to rebuild is made by Mr. Sobhagchund Dowlutchund.)

No. 621.—26·56 square yards, or thereabout, at Nos. 10-11, Damar Lane, at the rate of Rs. 1-8-0 per square yard, *plus* Rs. 195-7-11, as compensation for compound wall standing on the ground so taken up. (In this case, the application for permission to build is made by Mr. Dinanath Mudonji.)

No. 622—19·86 square yards, or thereabout, at Victoria Road, at the rate of Rs. 3 per square yard. (In this case, the application for permission to build is made by the Agents of the Sassoon and Alliance Silk Mill Co., Ld.)

No. 623—4·58 square yards, or thereabout, at No. 17, Kamathipura 8th Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Mr. Limbaji Venkuti Kodal.)

No. 624.—12·01 square yards, or thereabout, at Nos. 119-123, Kamathipura Bazaar Road, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild rear portion of his house, is made by Mr. Gopal Heerji.)

No. 625. Mr. Javerilal Umiashankar Yajnik wished the Council, with a view to allay public anxiety in the matter, to request the Acting Municipal Commissioner to state how far it was true that large quantities of water from the Malabar Hill Reservoir are running to waste into Back Bay on the one hand and into the sea opposite the house of Sir Dinshaw Manockji Petit on the other; whether such waste of water is due to leakage in the Reservoir or to the existence of any springs on Malabar Hill, and generally, to call the attention of the Commissioner to the necessity of making a thorough enquiry into the matter.

The Acting Commissioner stated that he was informed last year by Mr. Walton, the Executive Engineer, that long before the reservoir was constructed there was a natural leakage from the hill side. Mr. Charles then handed in the following papers, which were read:—

Letter No. 27198, dated 4th February 1888, from the Health Officer, to the Municipal Commissioner, as follows:—

"SIR,—I have the honour to call attention to the insanitary state of the Chowpatty flats caused by the leakage of water through the hill the ground is a swamp in consequence. As I presume the water comes from the Malabar Hill Reservoir, I think something should be done to prevent the land from being sodden with water, as it now is

I suggest, if such a course be deemed practicable that an intercepting channel be constructed along the lowest edge of the hill so as to receive the water now leaking through, and that the water so collected be run off by a drain into Back Bay or connected so as to flush the nearest sewer or run into a tank or well constructed close to the road and used for road watering.

The state of the ground can best be seen from the top of the hill.—I have, &c., T. S. WEIR, Health Officer.

Letter No. 121, dated 7th April 1888, from the Acting Executive Engineer, to the Acting Municipal Commissioner as follows :—

SIR,—With reference to your No. 16530 of the 11th February last (herewith returned), on the subject of the Chaupati flats, I have the honour to report that the unusual swampy condition observed by the Health Officer was due in great measure to the sluice valve of the Malabar Hill Reservoir having been opened and kept open to empty and drain the storage or distribution basin, while a new 24-inch bend was being inserted in the main leading from the vaults below the filter beds and the stairs were being put up by Messrs. Richardson & Cruddas.

2. The valve was opened on the 16th January and remained so until about the 1st February. It was re-opened about the 8th February, and was not again closed until the 22nd idem.

3. There was always some water running while the valve was open and sometimes the quantity was considerable.

4. There are, however, at all times a few springs issuing from the hill, but it is not to be supposed that they arise entirely from leakage of the reservoir.

5. Were it so they would not, as they do, increase during the rains and diminish in the hot weather.

6. On the 22nd January 1886 Mr. Inspector Cluley at the direction of the Municipal Commissioner (Mr. Ollivant) made enquiries on the subject.

7. A very old man named Ganu or Pandu was brought to him and he said he remembered springs of water there all his life.

8. He pointed out a place in the bushes where he declared there had formerly been a well used by a Parsi who had a kutcha bungalow, close by. Mr. Cluley opened out the bushes and found a quantity of water there.

9. The old man stated repeatedly that there was plenty of spring water in the hill before the reservoir was even thought about.

10. Shortly after the abovementioned date, Mr. Ollivant himself went down on to the ledge on the hill side, and the old man having been again brought forward, repeated to him what he had previously told Mr. Cluley.

11. At the place in the bushes pointed out by the old man, a small tank has been built, and I beg to recommend that it be enlarged and made watertight as proposed in this office No. W 3818 15-9-86.

12. The water would be useful for the purposes of the garden, and if more than sufficient, and if overflowed, a pipe might be laid to the road watering tanks on Walkeshwar Road, near the new culvert and

retaining wall. If these overflowed, the water would pass under the road on to the foreshore.

13. This would be a simple remedy for what is complained of by the Health Officer, and would be sufficiently effective if I am right in concluding, as I do, that nearly all the water would be intercepted by the tank.

14. At all events even if the springs were still found too profuse, there would have been no wasteful expenditure, for some useful purposes would have been served.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer.

Considered again Resolution of the Corporation, No. 2369, dated 23rd February 1888, as follows :—

"That the Town Council be requested to inform the Corporation—(1) whether the rules under which leave is granted to Municipal Officers, are the rules of the uncovenanted service of Government, and (2) whether the conditions under which leave has recently been granted to the Executive Engineer of the Municipality, are the conditions which have never previously been adopted or recognized by the Town Council."

After discussion, the following resolution drafted by the Chairman, and embodying suggestions made by Colonel Merewether, was *carried* :—

No. 626. "That, with reference to its Resolution No. 2369, dated 23rd February last, the Corporation be informed that leave of absence to Municipal Officers and servants is granted under the terms of Section 58 of the Municipal Acts, which provides that it shall be lawful for the Town Council to grant such leave of absence to any officer as to them shall seem proper.

"As regards allowances during such absence, the Town Council have adopted the Uncovenanted Service rules of Government in that behalf. In the recent case of Mr. Walton however, the Council made an exception under conditions which had not arisen in any previous case."

The Acting Municipal Commissioner stated that he proposes with the sanction of the Town Council to put up a shaft ventilator opposite the new sanitarium, Queen's Road.

*Resolved* : No. 627. "That sanction be given to the putting up of a shaft ventilator opposite the Bohra sanitarium, Queen's Road, at a cost of Rs. 300, the charge to be debited to the grant sanctioned by the Corporation in its resolution, No. 9021, dated 8th December 1881, for cost of shaft ventilators.

"That the Acting Municipal Commissioner be authorised to carry out the work of erecting the ventilator departmentally at a cost not exceeding the above sum."

Considered memorandum No. 1269, dated 20th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 654, dated 18th idem, from the Acting Executive Engineer, as follows :—

SIR,—I have the honour to report that Mr. Rama Patloo has built a shed measuring 21′ 9″ × 14′ on the Reclamation Company's ground at Mazagon without permission. The plinth is only one foot above the level of the nearest public road, and is nine feet in height at the eaves. It consists of wattle and daub walls on all the sides, supporting a roof covered over with tiles. The work of building was commenced on or about the 31st of December 1887; a notice under Sections 165 and 167, requiring plans, was served on the 27th January 1888, but up to date none have been received. I beg that the sanction of the Town Council may be obtained (under Section 167 of the Municipal Acts) to demolish the said shed.

The party was informed on the 18th instant, that the sanction of the Town Council to demolish the shed would be applied for, at the next meeting.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

No. 628. *Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 1269, dated 20th instant, sanction be given to the demolition of shed built on the reclaimed ground at Mazagon, the property of Mr. Rama Patloo."

It was agreed that the following be referred to the Acting Municipal Commissioner for favor of report :—

No. 629. Letter, dated 23rd instant, from Messrs. Mansukhlal and Damodar, stating that Mr. Ghellabhai Haridas accepts the rate of Rs. 5 per square yard for the 10·72 square yards, or thereabout, of ground taken up for the improvement of Chowpati Road in the year 1885, but declines to accept the Rs. 8 per square yard offered for the 62·22 square yards, or thereabout, now to be taken up from the same property.

No. 630. On the application of Mr. Rahimtula M. Sayani, the consideration of the question of the demolition of such portion of house at No. 22, Nowroji Hill, 1st Row, the property of Mr. Mahomedbhoy Pudumsey as stands on the ground to be set back was postponed.

Read letter No. 1392, dated 23rd instant, from the Acting Municipal Commissioner, to the Secretary as follows :—

SIR,—With reference to the resolution of the Town Council No. 378, dated 18th instant, I have the honour to state that Mr. Clutterbuck has agreed to strike out the clause objected to by the Town Council. This being the case, I have the honour to request that that clause may now be struck out and the deed of conveyance sealed.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 631. *Resolved* : " That, as the Rev. G. W. Clutterbuck has agreed to the striking out from the deed of conveyance to him, from the Municipal Corporation of certain land adjoining the Victoria Gardens, that clause in the deed which reserved to him the right to require the removal at the expense of the Municipality of the drain which now runs under the north-west corner of the land, the seal of the Corporation be now affixed to the deed, the said clause being erased with red ink and so initialled by the three members of the Council attesting the sealing."

No. 632. The seal of the Corporation was affixed to deed of conveyance, from Sheik Ebrahim bin Sheik Hoosein Tulker, of ground taken up for the improvement line of Huzeria Street.

No. 633. The seal was affixed to deed of contract with Messrs. Walsh, Lovett & Co., agents for Messrs. Macfarlane, Strang & Co., for the supply of cast-iron pipes, &c., for Water Works.

No. 634. Considered and *recorded* memorandum No. 1268, dated 19th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchase and sales :—

| Supplies, &c. | Sales. | Name of Supplier, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| 442·70 square yards of land at Arthur Road, at Re.1 per yard. | .... | Government.. | The Municipal Commissioner. | For giving it to Mr. W. J. Farrow, in exchange for land belonging to him at Tardeo taken up by the Municipality. | Jan. 1888 .. | 442 11 2 |

| Supplies, &c. | Sales. | Name of suppliers, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| ..... | 640 cart-loads earth from Fort Drainage, at anna 1 per cart-load. | Municipality.. | Mr. Bhowany Nagoji. | .... | April 1888.. | 40 0 0 |
| ..... | 5 ditto manure at annas 8 ditto. | Do. .. | Mr. A. S. Panday. | .... | Do. .. | 2 8 0 |
| ..... | 10 ditto, ditto, at Re. 1 ditto. | Do. .. | Mr. H. M. Phipson. | .... | Do. .. | 10 0 0 |

On the motion of Colonel Merewether, seconded by Sir Frank H. Souter, it was—

No. 635. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his letter No. 1504, dated 25th instant, sanction be given to the acceptance of the tender of Messrs. Littlewood and Pallonji, the lowest of the two tenders received for the reconstruction of the godowns at Crawford Markets recently injured by fire at a total cost of Rs. 25,946 *plus* Rs. 2,594 for cost of contingencies at 10 per cent., total Rs. 28,540 against sanctioned grant of Rs. 31,000."

On the motion of Colonel Merewether, seconded by Sir Henry Morland, it was—

No. 636. *Resolved:* "That sanction be given to contract being entered into with Mr. Hari Shridhar for the supply of the following articles and labour required for the extension of the Erskine Road Markets, the cost to be debited to the grant for such extension:—

Blue stones, 3′ × 3′ × 2′ fine dressed at Rs. 2 per c. ft.
Labour for fixing the same, exclusive of lime, at Re. 0-2-6 per c. ft.
Blue stone steps, 2′ × 12″ × 9″, fine dressed, at Re. 1-14 per c. ft.
Labour for fixing the same, exclusive of lime, &c., at Rs. 2-6 per c. ft.
Paving stones, 12″ × 12″ × 4,″ medium dressed, at Rs. 28 per 100 s. ft.
Labour for fixing the same, exclusive of lime, &c., at Rs. 5-0-0 per 100 s. ft.
Dry rubble stones, at Rs. 4-4 per 100 c. ft.
Dry rubble stones measured in works, at Rs. 4-8-0 per 100 c. ft.
Metal for concrete at Rs. 5-8 per 100 c. ft.
Labour for rubble masonry in foundation, at Rs. 3-12 per 100 c. ft.
Labour for laying concrete in foundation, at Rs. 2 per 100 c. ft.
Labour for uncoarsed rubble masonry plinth, at Rs. 4 per 100 c. ft.
Labour for fixing only paving, at Rs. 4 per 100 s. ft.
Labour for laying 8 inch concrete, at Rs. 4 per 100 s. ft.

"The Town Council dispense with the invitations for tenders in this case which would otherwise be necessary inasmuch as the supplies and labour in question are at rates considerably below the rates contained in the schedule of the contract for annual repairs and petty works for the current year."

No. 637. On the application of the Acting Municipal Commissioner, made in his memorandum No. 1048, dated 17th instant, sanction was given to the transfer of Rs. 252, from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section I., Superintendence, and Section III., Labour, Markets and Slaughter Houses, same Budget, to meet the cost of extra establishment, required for the Erskine Road Market from 1st March 1888, namely, one peon at Rs. 10 per mensem, and one biggary at Rs. 11 ditto.

Read letter No. 1517, dated 25th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to request the sanction of the Town Council and the Corporation to an additional grant of Rs. 9,400 from Surplus Cash Balance to meet the extra cost of Sinking Fund and interest instalments of 12 lakhs drainage loan and the Rs. 6,82,000 Water Works and Drainage Loan.

This extra charge has been necessitated on account of the Government of India having refused to allow these loans to run for 60 years and having restricted the period to 40 years.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Resolved:* "That the Corporation be recommended to sanction an additional grant of Rs. 9,400, from Surplus Cash Balance, to meet extra cost of sinking fund and interest instalments of the Rs. 12,00,000, Drainage and Water Works Loan and the new Loan of Rs. 6,82,000 (last sanctioned loan), consequent on the orders issued by the Government of India, refusing to allow the Loans to be extended over the period of sixty years, and directing that these and all future Loans shall be repayable in period not exceeding 40 years."

Considered memorandum No. 1533, dated 25th instant, from the Acting Municipal Commissioner, asking the Council to recommend the Corporation to sanction the renewal of lapsed grant for 1887-88, specified in letter No. 225, dated 25th idem, from the Controller, as follows :—

SIR,—I have the honor to forward the accompanying list of the lapsed grants for 1887-88, which require to be renewed during the

current year, and to request the favor of your obtaining the sanction of the Town Council and Corporation to their renewal.

The amounts of the different grants thus renewed will be reported to the Town Council after the accounts for 1887-88 are closed as was done last year.—I have, &c., SORABJI NAOROJI COOPER, Controller of Municipal Accounts.

## LIST OF LAPSED GRANTS FOR 1887-88, WHICH REQUIRE TO BE RENEWED DURING 1888-89.

*Town Council and Corporation Establishment.*

Section V.—Contingencies, Stationery, Printing, &c.

*Municipal Commissioner's Department.*

Section III.—Contingencies, Stationery, Printing, &c.

*Controller's Department.*

Section IV.—Contingencies, Stationery, Printing, &c.

*Assessment and Collection Department.*

Section IV.—Contingencies, Stationery, Printing, &c.
„ VI.—Furniture for new Ward Offices.

*Fire Brigade.*

Section XI.—New charges on account of Fire Brigade.

PUBLIC HEALTH DEPARTMENT.

*Conservancy Branch.*

Section I.—Superintendence and Inspection.
„ XI.—Temporary Small-pox Hospital.

*Milch Cattle Stables.*

Section IV.—Clothing.

*Vaccination.*

*Lighting.*

Section II.—Gas lighting—D Contingencies.

*Road Repairs and Watering.*

A.—Road Watering.

Section I.—Bullocks and bhistees.
„ II.—Water carts.
„ III.—Repairs to water posts, Persian wheels, &c.

B.—Road Repairs.

Section I.—Purchase of road metal, sandstone, kerbstone, &c.
„ II.—Cart hire and labour, including road scraping.
„ III.—Paving footpaths.
„ IV.—Maintenance of steam rollers, &c.
„ V.—Contingencies and stores.

*Improvement of Streets.*

*Drainage.—Miscellaneous Drainage.*

Sections II. to IV.—Cleaning, repairs and alterations to miscellaneous drains and construction of new drains and gutters.

*Maintenance of Love Grove Pumping Station.*

Section III.—Repairs to machinery.
Section IV.—Contingencies and stores.

MAINTENANCE OF PUBLIC GARDENS.
*F. Bazaar Gate Street Garden.*

Section II.—Contingencies and stores.

*Municipal Debt (including interest, &c., on the different Loans and Miscellaneous Loan charges).*

*Victoria and Albert Museum.*
*New Works.*

New latrines and urinals.
Improvement of Bandora Slaughter House Premises.
Small-pox Hospital.
Vaccination quarters and stables to be erected near the Municipal Workshops.
Health Department stables in F and G Wards.
Ward Offices, Assessment Department.
Engineer's Chowkies.
Cost of erection of one of the proposed Cholera Hospitals.
Construction of a new Cross Road from Ripon Road to Byculla and laying a 9″ Pipe Sewer along the same.
Experiments in Kutchra burning.
Constructing two culverts at Malabar Hill Road near Chowpatti.
Flushing sewers in Fort and Nagpada.
Charni Road extension to Falkland Road.
Purchase of land for new Cross Road from Ripon Road to Byculla.
Purchase of land for new Road from Parel level crossing to junction of Haines and Worli Roads.

*Nesbit Road Bridge.*

*Cost of establishment for preparing plans and estimates of house connections in Agripada, Discretional Contingencies.*

*Water Works.—Maintenance.*

Section III.—Repairs to plant.
Section IV.—Miscellaneous stores.
Section V.—Contingencies.

*New Works, &c.*

Compound wall to enclose the reservoir and filter beds at Bhundarwada.
Making certain alterations to the meter arrangements at Mazagon Bunder.
Laying mains in Lady Jamsetjee and other Roads.
Filling in the compound of the Water Works Stores at Chinchpoogly.
New Office and Store-room at Chinchpoogly.
Tank for dipping pipes.
Alterations of mains for Deacon's meter system and fixing additional meters.
Chawl at Vehar.
Inspectors' quarters at Bhundarwada.
Laying mains in Apollo Bunder and other roads.

Construction of a compound wall round the Water Works Stores at Chinchpoogly.
Municipal Debt (including interest on Loans, &c.)

No. 639. *Resolved :* "That the Corporation be recommended to sanction the renewal of lapsed grant for 1887-88 under certain Budget heads as per list accompanying the Controller's letter No. 225, dated 25th instant, the amounts of the various sums so renewed to be reported to the Council when the accounts for the past year are closed."

Considered memorandum No. 1081, dated 17th instant, from the Acting Municipal Commissioner, asking the Council's sanction, under Rule XXII. of the Pension Fund Rules, to the payment of compassionate allowance of Rs. 138-3-2, to Hamida, widow of Kazi Ismail, late Havildar, Health Department.

No. 640. *Resolved :* That sanction be given to the payment of compassionate allowance of Rs. 138-3-2, to Hamida, widow of Kazi Ismail, late Havildar, Health Department.

Considered letter from Mr. S. W. Chart, dated 23rd February 1888, complaining of the stagnant water collected on the east of St. Mary's Church, Parel, and requesting that the subject may be put before the proper authority.

No. 641. *Resolved :* That in reply to his letter, dated 23rd February last, Mr. S. W. Chart be informed that the pool in question belongs to Government.

No. 642. *Resolved :* That as applied for by the Secretary, sanction be given to the refund of Rs. 4-8-0 to Ahmed Bapoo, Peon, Corporation and Town Council Establishment on account of fine remitted.

It was agreed that the Progress Report, up to the end of March last, of Tansa Water Works be printed and circulated.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lake.*

* *See* Appendix B.

BOMBAY, *2nd May* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting, held on the 25th ultimo, were signed.

Before the business of the meeting commenced, the Chairman drew the attention of the Council to a letter which appeared in the *Times of India* of yesterday, from Mr. John Fleming, C.S.I., regarding the alleged leakage of water from the Malabar Hill Reservoir, and said that "a "letter coming from a gentleman, not only well known for "his public spirit, but to whom Bombay was greatly in- "debted for his energy and enterprize, deserved every "attention. He, the Chairman, had a conversation on the "subject with the Acting Municipal Commissioner, who "desired to make a statement embodying the result of the "further enquiries which he had made on the subject of "the leakage referred to, since the last meeting of the "Council. The Chairman added that he was sure the "Council would be glad to hear the Acting Commissioner "on the subject."

Mr. Charles said : "My attention having been drawn to a letter on the subject of the alleged leakage of the Malabar Hill Reservoir, I wish to make a statement to the Town Council on the subject. Yesterday morning I made a careful inspection of both sides of Malabar Hill with the Engineers, Messrs. Smith and Tomlinson. On the Nepean Road side, I found a small stream half an inch deep and about one foot broad, which, on following it up to its source, I found to proceed from a well. Above this well in the direction of the reservoir there was absolutely no water at all, and I was informed by an old *dhobie* who was washing in the stream that the wells in this valley had water all throughout the hot weather long before the construction of the reservoir. Then we proceeded to the Chowpattee side of the hill and examined all the points

where water is now discharging from the hill. I ordered a plan to be prepared, showing all these points in detail, and that the present outflow should be accurately gauged at the several points of discharge. The quantity of water makes a great show from its being split up into a variety of small streams on the face of the hill. Where it is collected down below into the drain leading away from the swamp, the quantity is seen to be comparatively small. And considering the evidence that there always was an outflow of water at that point, there is no reason to suppose that that portion of the discharge, which may be due to a possible leakage from the reservoir, is of any practical importance. And, lastly, the rainfall of the past five years has been very much in excess of the average, the rainfall of 1887 being 24 per cent. above the average. It is only to be expected, therefore, that the water proceeding from natural springs should be more abundant this year than in former years of less rainfall."

After discussion, the Town Council expressed the hope that, as soon as further enquires have been made, the Acting Commissioner will be so good as to report the result to them.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 816.—26·87 square yards, or thereabout, at Nos. 33—35, Ghorupdeo Road, at the rate of Rs. 2 per square yard. (In this case, the application for permission to rebuild is made by Mr. Shamji Morarji.)

No. 817.—10·39 square yards, or thereabout, at No. 1384, Parel Village, at the rate of Re. 1 per square yard. (In this case, the application for permission to raise a second storey to his house, is made by Mr. Moti Kurumsi.)

No. 818.—86·47 square yards, or thereabout, at Kalbadevi Road, at the rate of Rs. 60 per square yard. (In this case, the application for permission to build is made by Mr. Purmanundass Jewandass.)

No. 819.—1·87 square yards, or thereabout, at Nos. 201—207, Modi Street, at the rate of Rs. 25 per square yard. (In this case, the application for permission to rebuild is made by Messrs. Premji Kara and Mulchund Nensi.)

No. 820.—23·29 square yards, or thereabout, at Nos. 3—31, Chukla Cross Lane, at the rate of Rs. 20 per square yard. (In this case, the application for permission to rebuild is made by Mr. Dyal Dewji.)

No. 821.—1·28 square yards, or thereabout, at No. 60, Kamathipura 10th Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to raise a storey over his house, is made by Mr. Syenna Papdoo.)

No. 822.—72·69 square yards, or thereabout, at Chikalwadi Road, the property of Messrs. N. Goverdhundass & Co., at the rate of Rs. 2 per square yard.

No. 823.—27·50 square yards, or thereabout, at Warli Road, the property of Mr. Hiraji Maneckji, at the rate of Re. 1 per square yard, *plus* Rs. 72-8-0, as compensation for trees and structure standing on the ground so taken up.

Considered letter No. 1711, dated 28th ultimo, from the Acting Municipal Commissioner, asking the Council's approval to his applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that the following plots of land situate at the junction of Parel and Chinchpokli Roads, admeasuring 2,157 square yards, or thereabout, and belonging to Mr. Manji Khetsi, are required for public purposes, namely, the erection of Fire Engine Station and the widening of the road thereat.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 824. "That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that the following plots of land situate at the Junction of Parel and Chinchpokli Roads, admeasuring 2,157 square yards, or thereabout, and belonging to Mr. Manji Khetsi, are required for public purposes, namely, the erection of Fire Engine Station and the widening of the road thereat, *viz.*, 1,449 square yards, or thereabout, for Fire Engine station, 708 ditto for widening the road at the junction of Parel and Chinchpokli Roads."

*Carried.*

Considered memorandum No. 1806, dated 30th April 1888, from the Acting Municipal Commissioner, asking

the Council's sanction to the demolition specified in letter No. 934B, dated 24th idem, from the Acting Executive Engineer, as follows :—

SIR,—I have the honour to report that Mr. Mahomed Jooman has built a shed measuring 29′ × 23′ on Reclamation Company's ground, at Mazagon, without permission. The plinth is only one foot and half above the level of the nearest road, instead of two feet. The work of building was commenced on or about the 7th ultimo. A notice, under Sections 165 and 167, requiring plans, was served on the 24th ultimo, but up to date none have been received. I beg that sanction of the Town Council may be obtained under Section 167 of the Municipal Acts to demolish the said shed.

The party was informed on the 24th instant, that the sanction of the Town Council to demolish the shed would be applied for at the next meeting.—I have, &c., JAMES SMITH, Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 825. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 1806, dated 30th ultimo, sanction be given to the demolition of shed built on the reclaimed ground at Mazagon, the property of Mr. Mahomed Jooman."

*Carried.*

The consideration of the question of the demolition of such portion of house at No. 22, Nowrojee Hill 1st Row, the property of Mr. Mahomedbhoy Padumsey as stands on the ground to be set-back, was postponed.

The seal of the Corporation was affixed to deeds of conveyance—

No. 826. From Mr. Fazulbhai Ruttonsi, of ground taken up for the improvement line of Tantanpura Street.

No. 827. From Mr. Jamasji Ruttonji Bhatena, of ground taken up for the improvement line of the junction of Khetwadi Main Road and Khetwadi 3rd Lane.

No. 828. From Mr. Moti Haribhai, of ground taken up for the improvement line of Bapu Khote Street. (The Acting Executive Engineer, in his letter No. 1605 B, dated 28th April 1888, to the Acting Municipal Commissioner, states that Mr. Moti Haribhai is the proper person to receive compensation in this case, not Mr. Motichund Hurukchund, in whose name sanction to the taking up of the ground was given by the Council in their Resolution No. 393, dated 23rd June 1888.)

No. 829. The seal was affixed to deed of contract with the Manager, *Times of India* Printing Press, for the performance of the printing work of the Municipality for 3 years, from 1st April 1888.

No. 830. Considered and *recorded* memorandum No. 1705, dated 28th ultimo, from the Acting Municipal Commissioner, reporting, under Section 55, of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases, sales and work :—

| Supplies, &c. | Sales. | Work. | Name of Supplier, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. a. p. |
| Gun-metal Stop-cocks. | .... | .... | The Waste Water Meter Co., Ld. | The Deputy Executive Engineer, Water Works. | For Water Works. | Nov. 1887 .. | 816 6 10 |
| .... | 10 cart-loads manure, at Re. 1 per cart-load. | .... | Municipality. | Mrs. Bapty. | Private use.. | April 1888.. | 10 0 0 |
| .... | 5 Do. do. .. | .... | Do. .. | The Revd. Thomas H. Greig. | Do. .. | Do. .. | 5 0 0 |
| .... | 4 Do. do... | .... | Do. .. | Mr. Rustomji M. Patel. | Do. .. | Do. .. | 4 0 0 |
| .... | 96 Do. earth from the Fort Drainage Works, at Anna 1 per ditto. | .... | Do. .. | Mr. Bhowan Nowji. | Do. .. | Do. .. | 6 0 0 |
| .... | .... | Binding 11 books. | Mr. Edulji Furdoonji Book binder. | The Health Officer. | .... | March 1888.. | 11 0 0 |

Read letter No. 1899, dated 1st instant, from the Acting Commissioner, asking sanction to the acceptance of tender from Messrs. John Fleming & Co., sole agents in western India for Deacon's Meter Company, for the supply of meters to the value of Rs. 16,788.

On the motion of Sir Henry Morland, seconded by Javerilal Umiashankar Yajnik, Esq., it was—

No. 831. *Resolved* : That the Town Council, by virtue of the last clause of Section 56 of the Municipal Acts III of 1872 and IV of 1878, hereby authorise, approve and sanction the acceptance of the tender of Messrs. John Fleming & Co., Agents for Deacon's Meter Co., for the supply of ten 9″ Deacon's meters at Rs. 1,130 each and eight 6″ meters at Rs. 686 each, total Rs. 16,788, *plus* Rs. 1,212 reserved for contingencies—total Rs. 18,000, provided in the current year's Budget. The Council

dispense with the invitation for tenders in this case which would otherwise be necessary inasmuch as Messrs. Fleming & Co. are the sole agents in Western India for these meters, and the meters are urgently required.

Read letter No. 1832, dated 30th ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—I have the honor to request the sanction of the Town Council to my entering into an agreement with the Bombay Telephone Co., Ld., for working the Municipal connections for a period of three years from 1st April 1888.

The Telephone Company have reduced their charges on all connections existing and future to Rs. 200 per annum with a proviso that all future connections beyond the limits of a line drawn from Warli Point to the existing Dadar Telephone station, are to be charged for at the rate of Rs. 250 per annum for each connection.

I recommend the arrangement for sanction.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Raghunath Narayen Khote, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 832. "That sanction be given to a new agreement being entered into with the Bombay Telephone Company, for the working of municipal connections, for a period of 3 years, from 1st April 1888, in consideration of the Company having reduced their charge from Rs. 233 to Rs. 200 per annum, for all connections south of a line, from Warli Point to the existing Dadur Telephone Station. New connections north of that line to be charged for at the rate of Rs. 250 per annum for each connection."

*Carried.*

On the motion of Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

No. 833. *Resolved:* That sanction be given to the acceptance of Messrs. Suggajee Ramji and Tukaram Daji's offer of Rs. 14,550, for the right to cultivate Municipal reclaimed ground at Kurla, for a period of one year, from 1st April 1888 to 31st March 1889. (The amount realised in 1887-88, was Rs. 13,425.)

No. 834. Read and *recorded* letter No. 1831, dated 30th ultimo, from the Acting Municipal Commissioner, reporting that he has sold the rights to cultivate Municipal land at Sion, Tardeo and other places for one year, from 1st April 1888 to 31st March 1889, as per list as follows :—

*Comparative Statement showing the Annual Amounts realized for the rights to cultivate, &c., &c., certain Municipal lands and places in charge of the Health Department for the years* 1885-86, 1886-87, 1887-88 *and* 1888-89.

| Names of Lease-holders. | Description of Land, &c. | Area of land let. | For what purpose. | AMOUNT REALIZED IN | | | |
|---|---|---|---|---|---|---|---|
| | | | | 1885-86. | 1886-87. | 1887-88. | 1888-89. |
| | | | | Rs. | Rs. | Rs. | Rs. |
| Rama Dhondiba ... ... ... ... | Municipal reclaimed ground at Sion. | Acres 4¼. | Cultivation. | 975 | 1,045 | 950 | 655 |
| Amboo Krishnajee and Poonja Muckajee. | Such portions of the Municipal Reclaimed grounds at Tardeo Flats as are not required for reclamation purposes. | ..... | Do. | 5,625 | 4,610 | Not let. | 4,125 |
| Girga Kooshnajee... ... ... ... | Ground at Clerk Road, north side next Race Course. | S. yds. 3,177. | Do. | 750 | 1,000 | 1,055 | 1,125 |
| Gungaram Dwarkoojee ... ... ... | Ground between Main Drain and Burial Ground at Clerk Road south. | „ 4,598. | Do. | 730 | 785 | Not let. | 1,225 |
| Pandoo Arjoon ... ... ... ... | Ground at Arthur Road and De-Lisle Road adjoining the New Mahomedan Burial Ground and Sheep Market, and portion of land on side of Chinchpokli Drain between DeLisle Road and G. I. P. Railway. | Acres 7. | Do. and cutting grass. | 850 | 1,135 | 1,320 | 875 |

| Names of Lease-holders. | Description of Land, &c. | Area of land let. | For what purpose. | AMOUNT REALIZED IN | | | |
|---|---|---|---|---|---|---|---|
| | | | | 1885-86. | 1886-87. | 1887-88. | 1888-89. |
| | | | | Rs. | Rs. | Rs. | Rs. |
| Jankoo Gopal ... ... ... ... | Municipal reclaimed ground at Dharavie Road, Mahim. | Square yards 8,400. | Cultivation. | 260 | 115 | 305 | 600 |
| Sumadhan Sobah ... ... ... ... | Ground at Old Clerk Road, Low-Caste Cemetery. | ..... | Cutting grass and grazing cattle. | ..... | 210 | 160 | 180 |
| Amboo Krishnajee and Poonja Muckajee. | Ground at Haines Road Burial Ground. | ..... | Do. do. | 190 | 110 | 395 | 210 |
| Lurgoo Poochabhoy ... ... ... | Tank at Arthur Road ... ... | ..... | Catching fish | 8 | 60 | 100 | 27 |
| Joao Antonio Patel... ... ... ... | Water channel on Municipal Ground at Coorla. | ..... | Do. | 71 | 50 | 40 | 52 |
| Gaspar Antonio Gonsalves ... ... | Municipal Ground at Matoonga... | ..... | Grazing cattle cutting grass, drawing toddy and collecting fruits. | 140 | 200 | 160 | 375 |
| | *Milch Cattle Stables.* | | | | | | |
| Jungum Dhurmajee ... ... ... | Camathipura... ... ... ... | ..... | Removal of cowdung. | 406 | 455 | 315 | 250 |
| | Agripada ... ... ... ... | ..... | | 146 | 110 | 85 | 80 |
| | Mody Bay ... ... ... ... | ..... | | ..... | 16 | 12 | 12 |
| Waga Dooda... ... ... ... ... | Ground west side of Arthur Road Low-Caste Cemetery and Water Course adjoining thereto from west side of Arthur Road Culvert. | Acres 12½. | Cultivation and cutting grass. | 1,760 | 3,100 | 3,430 | 3,500 |
| | | | Total ...Rs. | 11,905 | 13,001 | 8,300 | 13,291 |

Public Health Department,
*Bombay*, 18*th April* 1888.

T. S. WEIR,
Health Officer.

Read letter No. 1896, dated 30th ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—The Corporation having this afternoon refused to follow the usual practice in the matter of renewing the balances of lapsed grants belonging to the last official year, I have the honour to report to the Town Council that it will be necessary for me in order to avoid the great loss which would be incurred by stopping works in progress, and the hardship which would be caused by withholding payments due for work already done, to give orders that payment shall be made in anticipation of the final sanction of the Corporation in the following cases :—

1. Completion of works in progress up to the limit of the grant originally sanctioned. 2. Payment for work already done. 3. Payment for stores, stationery and other supplies already bought or used. 4. Payment of interest and repayment of loans which became due in the last year, but still remained unpaid. 5. Adjustment of inter-departmental charges belonging to 1887-88. 6. Unpaid establishment charges for last year. 7. Unpaid labour, &c. 8. Unpaid printing advertisement and other contingent charges. 9. Unpaid charges on account of works, &c., sanctioned out of Commissioner's Discretional Allowance. The full details of the balances of the various lapsed grants to be renewed cannot be given for some weeks till the accounts of the year 1887-88 are ready. Meanwhile sums legally due must be paid, and work in progress must be carried on to completion.

My only course, therefore, under the circumstances of to-day's vote of the Corporation, is to order payments up to the amounts of the grants formerly sanctioned by the Corporation, in anticipation of the usual annual vote for the renewal of lapsed grants—and to this course I request the approval of the Town Council.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to advances being made for the payment of such items of expenditure on account of the lapsed grants for 1887-88 as are due for salaries, wages, or materials supplied, or works executed, and which may become due, on account of works in progress and payment of interest and capital and other contingent charges. That, pending the sanction of the Corporation to the renewal of such grants, payments be made from available balances, to be adjusted to the debit of the particular grants. Provided that in no case shall payments be made on account of any such work, charge or service in excess of the available balances from last year on each head of expenditure."

No. 835.

*Carried unanimously.*

Read letter No. 1881, dated 1st instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward herewith letter No. 1880, dated this day, which I have addressed to the Corporation with reference to their Resolution No. 391, dated 19th ultimo, and to request the favour of the Town Council passing it on to the Corporation with their remarks.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 1880 OF 1888-89.

BOMBAY, 1*st May* 1888.

TO THE CHAIRMAN, MUNICIPAL CORPORATION.

SIR,—Corporation Resolution No. 391, dated 19th April 1888, asks me to "proceed forthwith with the work of arranging for the building of Municipal Offices on the site at Bori Bandar."

2. In order, however, to enable me to give effect to this Resolution, several important points remain to be settled, and until decision is passed, I cannot take further action.

3. The majority who passed the recent Resolution on April 19th, upsetting the decision and arrangements of the past two years, were apparently, so far as I could gather from the speeches, under the impression that all points connected with the Bori Bandar site had been settled, and that a return to that site would enable the new offices to be commenced at once.

4. But after a careful examination of the 20 Resolutions of the Corporation which have been passed on the subject of the new offices in the past four years, I find myself quite unable to form an opinion as to what are the wishes of the Corporation.

5. The only point that is mentioned in the Resolution of 19th April, is the site.

6. But the former Resolutions on the subject of this site never settled the following most important points :—

(1.)—The total sum to be sanctioned, including 5 per cent. architect's fees, and 2 per cent. for clerk of works and supervision, and cost of land, &c.

(2.)—Whether a Public Hall is to be provided, or whether a Council Chamber alone is to be adopted, and if the latter, what is to be its length, breadth and height ?

(3.)—Which of the designs prepared by Mr. Chisholm in the prize competition is to be adopted, *viz.*, that with the dome, or the alternative design without a dome.

(4.)—Who is the architect to be employed to superintend the building ?

(5.)—Whether stables are to be erected in connection with the offices.

(6.)—And lastly, I would add that extra rooms must now be provided for the Tansa Office, the Schools Committee under the New Act, probably for a Hospitals Committee, and I would also request the Corporation to consider whether it would not be advisable to provide a room where members of the Corporation and others having to spend a long time in the building at meetings could obtain such refreshments as tea, &c.

7. As regards the total to be spent, I find that the only approach to a complete settlement of the question, as concerns the Bori Bandar site, are the following proposals :—

Proposed on 21st May 1885, that Mr. Chisholm's design be adopted with a modification of the Hall to hold 800 persons, and that Mr. Chisholm himself be engaged at 5 per cent. to superintend the erection of the buildings; and that the total cost of the whole scheme should not exceed Rs. 7,80,000.

This proposal was lost by 1 vote, the votes being 11 *for* and 12 *against*.

The next attempt to arrive at a decision was a proposal on 11th September 1885, to engage Mr. Chisholm to prepare working plans, for buildings not to cost more than 5 lakhs.

This motion was also lost by 13 votes to 8.

After September 1885, no further attempt seems to have been made to settle the total cost of the Bori Bandar scheme, and the subsequent Resolutions refer to the oval site near the Sailors' Home ; two Resolutions having been passed, approving of the latter site and engaging Mr. Chisholm, the last Resolution containing a direction "that the building should be one of such design and arrangement as to be capable of extension."

8. No formal decision has been come to on the subject of a public Hall. I am under the impression that a majority are against the Hall, for the present, and I am certainly of that opinion myself, as a separate Hall can be built at any time hereafter ; but a decision should be passed as to the dimensions of the Council Chamber.

9. As to the dome, two designs were prepared by Mr. Chisholm, one with a dome, the other without.

The cost of the dome over and above that of the building without it, would be—

| | |
|---|---|
| Dome itself according to the original estimate .....Rs. | 1,00,000 |
| 7 per cent. for architects' fees, clerk of works, &c..... „ | 7,000 |
| Total Rs. | 1,07,000 |

The experts who reported on the competition, recommended the adoption of the dome, but stated their opinion that the cost would be rather more than the estimate, as they considered the buildings would cost 6 annas per cubic foot.

In any case it may be taken that the dome would not add more than Rs. 1,20,000 to the total cost of the building. It is for the Corporation to decide whether they will spend this or not.

10. As to the architect to be employed, the Corporation have already commissioned Mr. Chisholm in various Resolutions, and if his design be adopted, it would certainly seem desirable to secure his services. In connection with this part of the subject, it is right to mention that Mr. Stevens has written to say he will be soon free from his engagement with the Railway Company, and is willing to be employed to prepare designs for offices.

11. The question of stabling seems to have been entirely omitted from the original discussions, and yet I think it a very important one. There is no stabling procurable near Bori Bandar, and it will be in the highest degree inconvenient and will lead to a great waste of time, if all the officials of the Municipal Office have to send long distances for their

carriages when they require to go out. I further consider that there should be a shed to shelter the carriages of members of the Corporation during their attendance at meetings.

I therefore propose that 1,000 square yards of land should be asked from Government immediately to the north of the site for the offices on the Market Road, and that a double-storeyed stable should be built there. The cost may be roughly estimated as follows :—

| | | Rs. |
|---|---|---|
| Land ... ... | ... | 15,000 |
| Building ... ... | ... | 25,000 |
| Total | ... | 40,000 |

12. Nearly all these points are connected with the question of cost. The limit of 5 lakhs originally proposed was fixed before the designs were prepared, and made no allowance for cost of site, architects' fees or supervision. That limit, as I have shown above, is quite out of the question.

We have now 6½ lakhs to the credit of the building fund, all of which, except increase from interest, &c., has been subscribed by this generation of rate-payers.

Surely it is not too much to expect the next generation to subscribe little more than one-third that sum or 2½ lakhs, which would mean to them an annual payment by way of interest and sinking fund of only about Rs. 15,000.

This sum is considerably less than the present rate-payers are paying for the present office rent, *viz.*, Rs. 16,800 per annum, in addition to having subscribed the 6½ lakhs capital from current revenue, so that the future rate-payers will pay for 2½ lakhs borrowed capital, a sum decidedly less than what the present rate-payers pay by way of rent.

Unless some capital is borrowed the present rate-payers will be simply making a present of the new buildings to their successors, who will also be freed from liability to pay rent.

I therefore strongly urge that a small sum, certainly not less than 2½ lakhs, be borrowed, and that the limit of total expenditure, including the following:—buildings with dome, land, architects' fees, supervision charges, stabling, extra rooms for Tansa office, school and hospital committees, &c., and contingencies of all kinds, should be fixed at 9 lakhs of rupees.

13. To get the above matters settled, I suggest that each should be voted on separately, and I append for easy reference a list of the various points for determination and my recommendations thereon.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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LIST OF POINTS TO BE DECIDED.

1. Total cost of scheme to be sanctioned, including land, architects' fees and extra rooms, stabling, &c.

I recommend a minimum of 9 lakhs, and that 2½ lakhs should be borrowed at 5 per cent.

2. Whether a public Hall is to form part of the scheme or only a Council Chamber.

I recommend that the public Hall be abandoned for the present, and that the dimensions of the Council Chamber be about 90′ × 45′ or subject to the discretion of the architect any suitable shape giving a total area of not less than 4,000 square feet.*

3. Whether the building is to have a dome or not.

I recommend the dome, and this was also the opinion of the Committee of experts.

4. Who is to be the architect employed?

I recommend Mr. Chisholm, at the usual 5 per cent. fees.

5. Whether stables are to be added.

I recommend that 1,000 square yards be added on the north, and that a double-storeyed stable be erected, at a total cost of Rs. 40,000, including land.

6. Whether extra rooms are to be provided for Tansa Office, School and Hospital Committee rooms, and Refreshment room.

I think these are indispensable, but they could all be provided for in the limit of 9 lakhs.

F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the letter from the Acting Municipal Commissioner, dated 1st instant, regarding the new office, be passed on to the Corporation."

No. 836.

*Carried.*

Considered Resolution of the Corporation, No. 457, dated 23rd April 1888, as follows:—

"That the Town Council be requested to report to the Corporation, what effect has been given to the third portion of the Resolution of the Corporation No. 1601, dated 21st of November last, *viz.*, the making provision for erecting a line of shops over the northern arcade of the Crawford Market."

Read letter No. 1807, dated 30th ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—With reference to Corporation Resolutions Nos. 1601 of 21st November 1887, and 457 of 23rd April 1888, so far as relates to Dr. Blaney's proposal to build a line of shops over the northern arcade of the Crawford Market, I have the honour to request that the Town Council will consider the question carefully before acceding to the request to recommend expenditure on this object.

2. This part of the Resolution was passed almost without discussion and as a formal matter, not involving immediate outlay.

* NOTE.—The present Corporation room is 70′ × 28′, *i.e.*, the portion occupied by the meetings has an area of 1,960 square feet.

3. But I am so strongly opposed to the carrying out of Dr. Blaney's proposal, which is also condemned by Mr. Walton, the Executive Engineer, that I trust the Town Council will, instead of recommending the expenditure asked for, advise the Corporation to drop this portion of their Resolution of 21st November last.

4. Any one standing in the east wing of the Arthur Crawford Market will see that almost all the light and air in it, come from the open space now left between the top of the arcade and the roof. This is undoubtedly the proper side for light to come from as being on the north—light can enter without admitting the glare of either the morning or afternoon sun.

The south side of the wing is completely darkened by creepers, and this is a good arrangement to keep out the glare of the sun. If, however, all or the greater part of the open space on the north be blocked up by a row of shops, the light in the building will be altogether obstructed, and the ventilation reduced to a condition nearly as bad as the worst of private markets which are blocked in by surrounding buildings.

5. Mr. Walton also agreed with me in considering that the proposed shops would be architecturally a mistake, quite out of harmony with the rest of the building, and he also gave his opinion that considering the necessity for verandahs in front to allow passage room in front of the proposed upper row of shops, the remaining space was not sufficient.

6. Taking these views into consideration, I hope the Town Council will reply that they are unable to recommend the Corporation to incur the proposed expenditure.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Sir Henry Morland—

"That the consideration of letter from the Acting Commissioner, regarding the building of shops over the northern arcade at Arthur Crawford Markets, be postponed till next week to enable members to judge of the proposal by personal inspection."

No. 837.

*Carried.*

On the application of the Acting Municipal Commissioner, made in his memorandum No. 1805, dated 30th ultimo, sanction was given to the transfer of Rs. 75, from savings in Section II, Labour, A, Scavengering, Conservancy Branch, Health Department Budget, to Section II, Office Establishment, A, Account branch, Controller's Department Budget, to meet the amount of acting arrangement made during the absence of Mr. Manekshah Cowashah, on privilege leave from 13th March to 27th ultimo, both inclusive.

No. 838.

Read memorandum No. 1779, dated 28th ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows :—

MEMORANDUM.—The sanction of the Town Council is requested to the expenditure departmentally of the sum of Rs. 5,000 entered in

the Engineer's Budget for repairs to wells and fountains as occasion may arise.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

No. 839. "That sanction be given to the expenditure departmentally, of the sum of Rs. 5,000 provided in the Engineer's Budget for repairs to public wells and fountains, section 9, water works, as occasion may arise."

On a division, there were 6 votes *for* and 1 *against* the motion, which was *carried.*

No. 840. Considered and *recorded* the following :—

No. 108 OF 1888-89.

BOMBAY, 23*rd April* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the end of March 1888. I would ask your attention to the concluding remarks in the report. This season I have from time to time been much put out by short-handedness on the works, due to the enforced absence through sickness of different members of the staff. The progress diagrams have been brought up to date and replaced in the Council room.—I have, &c., W. CLERKE, C. E., Executive Engineer, Tansa Works.

PROGRESS REPORT UP TO THE END OF MARCH 1888.

*Tansa Dam.*—During the month the outturn of masonry was 304,000 c. ft., making the total quantity executed from the commencement of the work 2,128,100 c. ft. 90,000 c. ft. of excavation in foundations was executed. The average daily number of persons employed on the dam was 4,700 and 1,088 carts and donkeys. The general health of the people was fairly good; 14 cases of small-pox were treated. There was one death from cholera. There were 6 deaths in all from various causes.

*Duct.*—Earthwork and masonry were in progress at several points along the line of duct. The outturn of work this month shows a marked improvement on previous months though it has not yet reached what it should be. 400 l. ft. of tunnels were driven. The sinking of cylinders for Bassein Creek Bridge No. 3 progressed, and one of the main girders of span No. 4, or west abutment span, was put in position. The average daily number of persons employed along the works was over 5,000.

48″ *pipes.*—Over 20,000 tons of pipes have now been delivered at Kasheli. This nearly completes the whole of the pipes 1⅜″ thick. Another steamer, the "Strathearn," had arrived in harbour at the end of the month. She brought pipes for Kasheli and for the 27″ main on the Arthur Road.

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On the whole of the works there was a good deal of sickness amongst the members of the Municipal staff and from the experience now gained it is apparent that it will be necessary in future years to have a much stronger staff to allow for vacancies due to sickness, as it

is impossible to replace men at a few days' notice and the duties of the Sub-Divisions cannot be properly carried out.

W. CLERKE, C.E., Executive Engineer, Tansa Works.

STATEMENT showing progress made with work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| State of work at opening of season 1887-88 ..... | 321 | c. ft. 933,100 | 8,372,000 c. ft. |
| Work done in October 1887..... | 323 | 26,000 | |
| „ „ November „ ..... | 329 | 80,000 | |
| „ „ December „ ..... | 332 | 250,000 | |
| „ „ January 1888..... | 335 | 272,000 | |
| „ „ February „ ..... | 339 | 263,000 | |
| „ „ March „ ..... | 344 | 304,000 | |
| Total ..... | | 2,128,100 | |

STATEMENT showing progress of work on the principal items of the Tansa Duct.

| ITEMS. | TOTAL PROGRESS UP TO | | | | | |
|---|---|---|---|---|---|---|
| | 30th September 1887. | 30th November 1887. | 31st December 1887. | 31st January 1888. | 29th February 1888. | 31st March 1888. |
| Excavation for conduit ....c.ft. | 2,160,000 | 3,000,000 | 3,600,000 | 4,150,000 | 4,520,000 | 4,910,000 |
| Masonry in conduit..... „ | 47,000 | 50,000 | 87,000 | 120,000 | 172,000 | 264,923 |
| Tunnelling .....l. ft. | 259 | 597 | 764 | 1,053 | 1,360 | *1,750 |
| Excavation in pipe track....c.ft. | 2,120,000 | 2,440,000 | 2,536,000 | 2,650,000 | 2,690,000 | 2,760,000 |
| Embankment „ „ ... „ | 3,030,000 | 4,000,000 | 4,310,000 | 4,530,000 | 4,790,000 | 4,910,000 |
| Tramway laid .....l.yds. | 5,479 | 6,879 | 7,914 | 8,725 | 8,811 | 8,869 |
| Erecting bridge cylinders..tons | 126 | 170 | 172 | 176 | 236 | 316 |

TANSA DUCT.—Detail of progress made in tunnels up to the 31st March 1888.

| Number of tunnel. | PROGRESS MADE. | | | Remaining to be done. |
|---|---|---|---|---|
| | N. face. | S. face. | Total. | |
| | l. ft. | l. ft. | l. ft. | l. ft.. |
| 1 ..... | 52 | 98 | 150 | 72 |
| 1A ..... | ..... | 87 | c 87 | 441 |
| 2 ..... | 287 | 457 | 744 | 7,258 |
| 3 ..... | 78 | 75 | 153 | 912 |
| 4 ..... | 213 | 42 | 255 | 2,044 |
| 5 ..... | 58 | 200 | 258 | 341 |
| 6 ..... | ..... | ..... | ..... | 740 |
| 7 ..... | 8 | 95 | 103 | 3,315 |
| | | | 1,750 | 15,123 |

* *See* details.

No. 1411 OF 1888-89.

*24th April* 1888.

Forwarded to the Town Council for information.
F. L. CHARLES, Acting Municipal Commissioner.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th April 1888.*

Reports of the A and B Police Divisions of fires—(*a*) in a tent at Wodehouse Road, on the 24th ultimo : the damage is estimated at Rs. 3 ; (*b*) in the hold of the S.S. " Apollo " lying in the Prince's Dock, on the same day: the damages were nominal ; (*c*) in a quantity of cotton stored in the Colaba Company's Press, on the 21st idem : the damage is estimated at Rs. 300 ; (*d*) in a house at the junction of Musjid Bandar Road and Memonwada Street, on the 15th ultimo : the damage is estimated at Rs. 40,000.†

Read letter No. 1930, dated 2nd instant, from the Acting Municipal Commissioner, asking the Council's sanction to the payment of Rs. 485-6-8, to the Gas Company for diverting gas main, and to the expenditure of Rs. 845, for removing and relaying water main in Nepean Sea Road.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

" That sanction be given to the payment of Rs. 485-6-8, to the Gas Company, for diverting the gas main opposite Mr. Jehangir Cowasjee J. Ready-money's house, Nepean Sea Road, and the expenditure of Rs. 845, to meet the cost of removing and relaying water main, as per following details, the work to be entrusted to Messrs. Dinshaw Kavasjee Bhedwar and Co. :—

No. 841.

For labour, Rs. 373-8 ; Contingencies, Rs. 36-8 ; Iron Work from Water Works Stores, Rs. 245 ; Contingencies, Rs. 25 ; Road Repairs, Rs. 150 ; Contingencies, Rs. 15 ; total Rs. 845.

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* *See* Appendix **B**.

† In connection with this fire, the following was read:—
" Extract from the morning report of the B. division from 6 o'clock A.M. of the 15th to 6 o'clock A M. of the 16th April 1888.
" At midnight a house situated at the junction of Musjid Bander Road and Memon Wada Streets was discovered to be on fire ; the ground floor of the place was stored with matches, crackers and other combustile articles ; the flames soon spread and in a few minutes the whole building was enveloped in flames. Fortunately the water mains in the street were partly charged so that there was an exceptionally early supply of water. All the steamers got to work in good time, and the new Parsee Engineer did his work very creditably. The damage is estimated at Rs. 40,000. The cause of fire is attributed to the flames of a fire in a milkman's shop being in too close proximity to a wooden partition."

"The charge to be debited to the grant of Rs. 1,500, sanctioned by the Corporation for the diversion and relaying of these mains."

*Carried.*

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BOMBAY, *9th May* 1888.

AT the regular meeting of the Town Council, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the SECRETARY.

On the question of the signing of the minutes of the meeting held on the 2nd instant, and before the regular business of the meeting was commenced, Sir Henry Morland said :

"With reference to Mr. Chisholm's having been present at the last meeting of the Council, I presume that the fact does not in any way bind or commit the Council to employ him in his professional capacity ; nor (he having been fully paid up and settled with for what he has done) is it intended thereby to be inferred that any further expense whatever is to be incurred with him until after the Corporation has decided upon the points raised in the Commissioner's letter."

The Chairman said : "Mr. Chisholm was asked to be present at the last meeting by the Acting Municipal Commissioner, but I do not consider that we are therefore committed to him in any way, or that we can incur any expenditure before the Corporation have fully decided upon the points raised in Mr. Charles's letter."

The minutes were then signed.

The Acting Municipal Commissioner verbally informed the Council that he has received an offer from the Bank of Bengal for Municipal debentures of the value of 6 lakhs at $105\frac{1}{8}$ per cent., being the balance of the 12 lakhs loan, the raising of which has been sanctioned by the Corporation, the purchase money to be paid in July next, and the debentures to be issued soon thereafter.

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was agreed that the Acting Municipal Commissioner be authorized to accept the tender of the Bank of Bengal for the taking up of 6 lakhs of rupees of municipal debentures at 105⅛ per cent.

No. 1037.

In accordance with notice of motion it was—

Proposed by Javerilal Umiashankar Yajnik, Esq.—

(1) That, with a view to allay public anxiety in the matter of the alleged leakage of the Malabar Hill Reservoir and having regard to the fact that the present time, that is to say, the period between this and the burst of the next monsoon, is most suitable for enquiry, if any, on the subject, the Town Council consider it expedient and desirable to appoint a Committee of experts to enquire into and report upon the following points, namely :—

(A) How is the present unusually large overflow of water from the two sides of the Malabar Hill Reservoir (the Back Bay and the Nepean Sea Road side) into the sea, especially at this season of the year, to be accounted for? (B) Whether the circumstance is due to one or other of the following causes or to their combined action :— (*a*) The existence of natural springs on the hill; (*b*) The existence of any fissure or fissures in any of the walls of the Reservoir through which water finds its way; (*c*) The nature of the stone used in the construction of the Reservoir; (*d*) Defects in the construction of the Reservoir; or (*e*) The theory that the rainfall of Bombay during the last and preceding years is 24 per cent. over the average.

(2) The Committee to consist of the following gentlemen, three forming a quorum :—

(3) That the Committee be empowered to call for such papers and records in the Municipal Office, or to examine such officers of the Municipality, or take such evidence in the matter as may be deemed necessary.

The motion was seconded by Cowasjee Hormusjee, Esq.

Mr. F. Stevens, Mr. George Ormiston, Khan Bahadur Muncherjee C. Murzban, Mr. Hargrave, Major Selby and Colonel Merewether and Mr. Javerilal Umiashankar Yajnik were suggested as members of the Committee.

After discussion, all the words in the first paragraph after the word "enquiry" were struck out, and the following words inserted in place thereof—"the Acting Municipal Commissioner in conjunction with Colonel Merewether, Sir Henry Morland and Surgeon-Major Waters be asked to furnish the Town Council with specific information on the following points" :—

Paras. 2 and 3 were struck out.

Mr. Cowasjee Hormusjee declined to second the motion as thus altered.

Mr. Muncherji Nowrojee Banajee thereupon seconded the amended motion.

*Amendment*, moved by Colonel Merewether, seconded by Sir Henry Morland—

"That the Acting Municipal Commissioner be asked to report further, as early as practicable, on the subject of the leakage at Malabar Hill Reservoir."

On a division, there were 2 votes *for* and 6 votes *against* the proposal, which was *lost*.

*Amendment*, moved by Rahimtulla Mohamed Sayani, Esq., seconded by Surgeon-Major Waters—

"That the subject of the alleged leakage of the Malabar Hill Reservoir be referred for investigation to the Committee of the whole Council, and that such Committee be requested in consultation with the Commissioner, to make a report on the whole matter, and especially with regard to the points mentioned in Mr. Javerilal U. Yajnik's motion. Three to form a quorum."

On a division, there were 2 votes *for* and 7 votes *against* the proposal which was also *lost*.

The original motion, as amended, was put to the vote as follows :—

No. 1038. "That, with a view to allay public anxiety in the matter of the alleged leakage of the Malabar Hill Reservoir and having regard to the fact that the present time, that is to say, the period between this and the burst of the next monsoon, is most suitable for enquiry, the Acting Municipal Commissioner, in conjunction with Colonel Merewether, Sir Henry Morland and Surgeon-Major Waters, be asked to furnish the Town Council with specific information on the following points :— (A) How is the present unusually large overflow of water from the two sides of the Malabar Hill Reservoir (the Back Bay and the Nepean Sea Road side) into the sea, especially at this season of the year, to be accounted for ? (B) Whether the circumstance is due to one or other of the following causes or to their combined action:— (*a*) The existence of natural springs on the hill ; (*b*) The existence of any fissure or fissures in any of the walls of the Reservoir, through which water finds its way ; (*c*) The nature of the stone used in the construction of the Reservoir ; (*d*) Defects in the construction of the Reservoir ; or (*e*) The theory that the rainfall of Bombay during the last and preceding years is 24 per cent. over the average."

There were 4 votes *for* and 4 votes *against* the motion which, by casting vote of the Chairman, was *carried*.

Read letter No. 2326, dated 9th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to request sanction, under section 293 of the Act, to apply to Government to take up under the Land Acquisition Act the site of the present ward offices at Dadur for F and G Wards.

2. The landlord who formerly was paid Rs. 40 per month or Rs. 480 per annum, now has raised his rent to Rs. 60, and has now filed an action of ejectment because I refused to pay the Rs. 60. The suit is coming on for hearing on June 5th, and it is very desirable that the application to Government should be made and approved of by them before then, so that the Court may be debarred from causing the extreme inconvenience to the Departments concerned, of ejecting them.

3. The cost of acquisition, including 15 per cent. for compulsory acquisition, is estimated at Rs. 13,550 ; and this can be paid from the grant of Rs. 16,000 lately sanctioned by the Corporation for offices at Dadur.

4. The area of the property is approximately 1,007 square yards, and there are buildings on it now used by the Assessment and Engineer's Departments for both F and G Wards.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

After discussion, it was agreed that the consideration of the proposed taking up of the ground be postponed with a view to an amicable settlement of the question.

Sanction was given to the taking up of the following piece of ground, required for the improvement line of street :—

No. 1039. 57·61 square yards, or thereabout, at new cross road, between the proposed new roads, Nos. 4 and 8, Agripada, at the rate of Rs. 3 per square yard. (In this case, the application for permission to build is made by Kazi Mahomed Ismael Chilmai.)

Considered letter No. 2041, dated 4th instant, from the Acting Municipal Commissioner, asking the Council's approval to his applying to Government, under the terms of Section 293 of the Municipal Acts III of 1872 and IV of 1878, to declare that a plot of land situate at Matoonga Road, admeasuring 25 square yards, or thereabout, and belonging to Mrs. Anna Maria, is required for a public purpose, namely, the erection of a hut for the registration cemetery clerk. The charge to be debited to the grant for cemeteries, Section I., C, Contingencies, Health Department Budget.

No. 1040. *Resolved* : That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293

of the Municipal Acts III of 1872 and IV of 1878, to declare that a plot of land situate at Matoonga Road, admeasuring 25 square yards, or thereabout, shown in red on the tracing marked A, dated this day,* and belonging to Mrs. Anna Maria, is required for a public purpose, namely, the erection of a hut for the Registration Clerk employed at Matoonga cemetery. The cost to be debited to the grant for Cemeteries, Section I., C, Contingencies, Health Department Budget.

Considered letter No. 2283, dated 8th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the taking up from Government of 2,875 square yards of land situate at the western side of Mahalaxumi Railway Station, required for the formation of a new road connecting Clerk Road with Haines Road, at the rate of rupee one per square yard. The cost to be paid from the grant sanctioned for the construction of the new road.

No. 1041. *Resolved:* That sanction be given to the taking up from Government of 2,875 square yards, or thereabout, of land situate at the western side of Mahalaxumi Railway Station and shown in green colour on tracing marked B, dated this day,* required for the formation of a new road from Clerk Road to Haines Road at the rate of rupee one per square yard. The cost to be debited to the grant sanctioned for the construction of the new road.

Considered memorandum No. 2057, dated 4th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the fixing of Rs. 4 per square yard for the ground, covered by the erection of a gallery in front of Mr. Peerbhoy Goolam Hussein's house in Fergusson Road, as reported by the Acting Executive Engineer, in his letter to the Acting Municipal Commissioner, No. 1101B, dated 30th ultimo, as follows:—

SIR,—I have the honour to report that one Mr. Peerbhoy Goolam Hussein has projected a gallery measuring 240′ × 3′ from his house now under construction at Fergusson Road. The road in this locality is wide enough to allow such projections on payment of the Municipal fee. As this is a new case, and as no rate has been fixed for this road, this department cannot recover the amount of fee, though Rs. 4 per square yard is considered to be a fair value for the ground here. I have, therefore, to request the favour of your informing me what rate should be charged to the party in this instance.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

* Filed in Supplement to Minute Books, marked A.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

No. 1042. "That, as recommended by the Acting Municipal Commissioner, the Town Council fix Rs. 4 per square yard for the ground covered by the erection of a gallery in front of Mr. Peerbhoy Goolam Hussein's house in Fergusson Road."

*Carried.*

Considered again memorandum No. 1393, dated 23rd ultimo, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition of such portion of house No. 22, Nowroji Hill 1st Row, or Jail Road East, the property of Mr. Mahomedbhoy Pudumsey, as stands on the ground to be taken up.

No. 1043. It was now stated that the owner has consented to do what is required by the Municipality and the order made by the Council is that sanction be given to the payment of Rs. 15 per square yard for the 17·77 yards or thereabout, at 22 Nowrojee Hill First Row, or Jail Road, required for the improvement line of the street thereat.

Considered memorandum No. 2058, dated 4th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 1185B., dated 30th ultimo, from the Acting Executive Engineer.

No. 1044. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2058, dated 4th instant, sanction be given to the demolition of sheds built at Bellasis cross Road, the property of Mr. Abdula Tyab Fatia Ali.

Considered memorandum No. 2060, dated 4th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 1268B, dated 3rd idem, from the Acting Executive Engineer, as follows :—

SIR,—I have the honour to report that Mr. Lilladhur Shamjee, the owner of house Nos. 101-103, Bapty Road, has made considerable additions and alterations to the house involving the removal and re-erection of the whole of one of the main walls. The attached tracing marked A shows in yellow colour the new work ; in red the old portions of the house left untouched; in brown the new woodwork ; and in black the old woodwork left untouched.

The following is a précis of the case :—

The party on or about the 24th of January 1888 submitted to this department building certificate plans showing only new construction of wall in the rear of his house and repairs to the upper floor. Intimation of an application to the Town Council, regarding the set-back required was given to the party under this office No. $\frac{B.}{1852}$ of the 18th February 1888. The building certificate plans were then approved and returned to the party under this office No. $\frac{B.}{11981}$ of the 22nd February 1888, with a requisition for set-back under No. $\frac{C.}{11981}$ of the 22nd idem, as per Town Council's Resolution No. 2346, of the 22nd February 1888, and with the following endorsement :—

"The portion scored off in red should be left vacant for street improvement as per requisition No. $\frac{C}{1181}$, dated 22nd February 1888, attached hereto."

"Steps should be provided within the plinth line."

"Ridge ventilation and openings overdoors and windows should be provided."

"Gullies at least 1½ feet wide should be left on either side of the building."

"The privy should be built completely detached at least four feet on all four sides on owner's own ground."

"No encroachment will be allowed over the public passage in rear of the house."

"Should any re-arrangement of the drainage be required, a further application must be made in that respect."

On the 19th March 1888 the Inspector of the District reported that Mr. Lilladhur Shamjee was rebuilding the house contrary to the plan approved and sanctioned by this department, in not leaving vacant the ground scored off on the plan for street improvement. A notice under Section 167, requiring the party to adhere to the sanctioned plan, was served on the 26th March 1888, but up to date it has not been complied with. Under these circumstances I have to solicit the favour of your obtaining the sanction of the Town Council as provided under Section 167 of the Municipal Acts to demolish the portion of the house built on the set-back ground and to add the ground to the road. All the former papers in connection with the case are forwarded herewith.

The party was informed on the 3rd instant, that the sanction of the Town Council to demolish the aforesaid portion of his building would be applied for at the next meeting.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 1045.

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2060, dated 4th instant, sanction be given to the demolition of such portion of the house at Nos. 101-103, Bapty

Road, the property of Mr. Lilladhur Shamjee, as stands on the ground required thereat for street improvement."

*Carried.*

Considered memorandum No. 2287, dated 9th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 1339B, dated 5th instant, from the Acting Executive Engineer.

No. 1046. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2287, dated 9th instant, sanction be given to the demolition of a godown built on the reclaimed ground at Mazagon, the property of Hadji Ali Mahomed.

Considered memorandum No. 2286, dated 9th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 1341B, dated 5th idem, from the Acting Executive Engineer.

No. 1047. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2286, dated 9th instant, sanction be given to the demolition of shed built at Ripon Road, the property of Mr. Ebrahim Khan Mahomed.

The seal of the Corporation was affixed to deed of conveyance from Mr. Goverdhundass Bhaidass, of ground taken up for the improvement line of Bhuleshwar Street. (The Acting Executive Engineer, in his letter No. 1331B, dated 5th May 1888, to the Acting Municipal Commissioner, states that 19·16 square yards of ground were taken up in this case, being 2·05 square yards more than the area, 17·11 square yards, sanctioned by the Council, on the 9th December 1885.)

Sanction was now given to the taking up of 2·05 square yards, or thereabout, of additional ground as above, at the rate of Rs. 30 per square yard.

No. 1049. The seal was affixed to deed of contract with Messrs. Rustomjee Dadabhoy Madon & Co., for the supply of grain during the year 1888-89.

No. 1050. The seal was affixed to an agreement with Mr. Dawoodbhoy Ebrahim, administrator of the estate of Ebrahim Abdul Kaim, for the hire of chawl at Jerazbhoy Street, for a term of 5 years, from 1st June 1887, at a monthly rent of Rs. 100.

No. 1051. Considered and *recorded* memorandum No. 2059, dated 4th instant, from the Acting Municipal Commissioner, reporting under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following sales :—

| Sales. | Name of Supplier, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| 640 Cart-loads earth from Fort Drainage Works at the rate of one anna per cart-load. | Municipality. | Mr. Bhowani Nagoji. | .... | April 1888.. | Rs. a. p. 40 0 0 |
| 12 ditto manure ditto at one rupee ditto. | Do. .. | The Secretary, Bombay Gymkhana. | .... | Do. .. | 12 0 0 |
| 1 Ditto ditto .. | Do. .. | Mr. Sitaram Dhakji. | .... | Do. .. | 1 0 0 |

No. 1052. On the application of the Acting Municipal Commissioner, made in his memorandum No. 1957, dated 2nd instant, sanction was given to the transfer of Rs. 730, from savings in Section II, labour, A, Scavengering, Conservancy Branch, Health Department Budget, to Section VI, disposal of offal, Markets and Slaughter Houses, same Budget, to meet the amount of enhanced contract rate of Rs. 7 per diem, for the removal of offal, from the Slaughter Houses, Bandora, during the current year.

Considered again Resolution of the Corporation No. 457, dated 23rd April 1888, as follows :—

" That the Town Council be requested to report to the Corporation what effect has been given to the third portion of the Resolution of the Corporation, No. 1601, dated 21st of November last, *viz.*, the making provision for erecting a line of shops over the northern arcade of the Crawford Market."

Also letter No. 1807, dated 30th ultimo, from the Acting Municipal Commissioner, stating his objections to the building of such shops.

Proposed by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq.—

No. 1053. " That, with reference to its Resolutions Nos. 1601 and 457, dated 21st November 1887, and 23rd April 1888, the Corporation be informed that

the Town Council are unable to recommend that the proposed expenditure for building a line of shops over the northern arcade of the Crawford Market should be incurred, as it appears from the report of the Acting Municipal Commissioner and from the inspection made personally by members of the Council, that such additional building would seriously interfere with the ventilation of the Crawford Market and would exclude light and air from the existing market."

On a division, there were 6 votes *for* and 2 votes *against* the motion, which was *carried*.

*Ordered:* That the following be laid on the table:

No. 1054. Letter, dated 3rd instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for March last and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

The following were laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 6th May 1888.*

Reports of the C and E Police Divisions, of fires—(*a*) in a chawl at Angria's Wadi, Lohar Street, on the 25th ultimo: damage estimated at Rs. 5,000; (*b*) in a room at Kamathipura 9th Street, on the 26th idem: damage amounted to Rs. 10.

Read letter No. 2280, dated 8th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—I have the honor to request sanction, under Section 293 of the Municipal Act, to apply to Government for the acquisition of 1 lakh or thereabouts of square yards of land on the Flats, shewn in the accompanying tracing and belonging to Mr. Byramjee Jeejeebhoy, C.S.I.

2. This land is urgently required for the deposit of town sweepings, all the available land now in occupation of the Municipality having been filled in, and also for a siding in future when the scheme for depositing katchra at Kurla is introduced. Mr. Ollivant tried to obtain this land by private bargain about a year ago, and I have also done my best to come to some arrangement with Mr. Byramjee, but without

success ; and as it is imperative that we should have possession of this land before the end of the coming rains, the only course left is to take it under the Land Acquisition Act.

3. This land was, I believe, acquired by its present owner some years ago for a few annas per square yard. It is cut off from access by the Railway on the east, by the main drain and by Municipal sweeping ground on the west and south, and on the north by the Municipal sweeping ground and by the old Hindoo burial ground, and the estimated value now is Re. 1 per square yard, which would make the sum to be paid amount to about one lakh of rupees *plus* 15 per cent. for acquisition under the Act.

4. The cost, I presume, must eventually be debited to Loan Funds, as this is an acquisition of a permanent nature ; but sanction should be given to the advance of such sum as the Collector may award, under the Land Acquisition Act, out of available balances to be adjusted by raising the necessary loan at the usual time for raising loans—*i.e.*, in the end of the rains.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

No. 1055. "That, when the sanction of the Corporation has been obtained to the taking up of the land, and to the raising of a loan of one lakh of rupees, or thereabout, for the purchase of the ground, the Town Council will be prepared to approve of the Acting Municipal Commissioner applying to Government, under the terms of Section 293 of the Municipal Acts III of 1872 and IV of 1878, to declare that two plots of ground situate on the Flats, admeasuring 93,755⅔ square yards, or thereabout, shown in yellow colour on the tracing marked C, dated this day, and belonging to Mr. Byramjee Jeejeebhoy, C.S.I., is required for a public purpose, namely, the deposit of town sweepings. The cost to be met from available balances, to be adjusted to the debit of loan to be raised hereafter."

*Carried.*

Read and *recorded* letter No. 2323, dated 9th instant, from the Acting Municipal Commissioner, reporting that he has sold the right to fish, &c., in the Municipal channels, sluices and tanks from 1st April 1888 to 31st March 1889, as per following statement :—

STATEMENT of the sale of the rights of fishing in the Warli and Dharavi Sluices and of fishing and planting Shingadas in the municipal tanks, and tapping date trees, &c., for the year 1888-89.

| | Name of place, &c. | Names of highest bidders, 1888-89. | Amount of last year's bid. | Amount of highest bid for 1888-89. | Amount of Deposit. |
|---|---|---|---|---|---|
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Warli Channel and Sluices with the Tank called Mingoot Mandli ... ... ... ... ... ... | Padna Vadia ... ... ... ... | 500 0 0 | 525 0 0 | 200 0 0 |
| 2 | Dharavi Sluices ... ... ... ... ... ... | Pascol Bills ... ... ... ... | 25 0 0 | 20 0 0 | 20 0 0 |
| 3 | Savli Tank, new Parbhadevi ... ... ... ... | Lyee Nihal Bhoi... ... ... ... | 14 0 0 | 34 0 0 | 34 0 0 |
| 4 | Digy Tank at Mahim ... ... ... ... ... ... | Lawrence Pascol Gonsalves ... ... | 43 0 0 | 105 0 0 | 50 0 0 |
| 5 | Hasali Tank ... ... ... ... ... ... ... | Lyee Nihal Bhoi... ... ... ... | 22 0 0 | 36 0 0 | 36 0 0 |
| 6 | Satgav Tank at Sion ... ... ... ... ... ... | Doming Louis Rodrigues ... ... | 5 0 0 | 5 0 0 | 5 0 0 |
| 7 | Jambli Tank at Mahim ... ... ... ... ... | Mangras Jugha ... ... ... ... | 10 0 0 | 25 0 0 | 25 0 0 |
| 8 | Water Hole, Khelakakhaduk at Sion ... ... ... | Doming Louis Rodrigues ... ... | 10 0 0 | 6 0 0 | 6 0 0 |
| 9 | Water Hole, E side of Haines Road and North of Pardhan House ... ... ... ... ... ... | Laxman Nanko ... ... ... ... | 6 0 0 | 5 0 0 | 5 0 0 |
| 10 | Naigam Tank ... ... ... ... ... ... ... | Mangras Jugha ... ... ... ... | 80 0 0 | 100 0 0 | 75 0 0 |
| 11 | The Mahalaxmi Storm Water Reservoir... ... ... | Pandu Rama ... ... ... ... | 850 0 0 | 675 0 0 | 200 0 0 |
| | | | 1,565 0 0 | 1,536 0 0 | 656 0 0 |
| | Right of tapping date trees at— | | | | |
| 12 | (1) Malabar Hill Reservoir ... ... ... ... | Hormasji Palanji ... ... ... | ..... | 2 8 0 | 30 0 0 |
| 13 | (2) Mori Road ... ... ... ... ... ... | Do. do. ... ... ... | ..... | 2 8 0 | 30 0 0 |

JAMES W. SMITH, Acting Executive Engineer.

*Resolved:* That, as asked for by the Acting Municipal Commissioner, in his letter No. 2322, dated 9th instant, sanction be given to the expenditure of Rs. 720, for pay of the following staff for measuring on the ground and marking on lithographed plans, water mains, sluice valves and fire hydrants; the cost to be debited to the grant of Rs. 2,000, sanctioned for this purpose :—2 Surveyors at Rs. 80 per mensem each, for 4 months, Rs. 640; 2 Lascars at Rs. 10 per mensem each, for 4 months, Rs. 80—total Rs. 720. That the report, made by the Acting Commissioner, of the acceptance of the offer of Mr. R. Rozario, for lithographing the plans in question, at a cost of Rs. 620—the cost to be debited to the grant above quoted—be *recorded.*

No. 1057.

On the application of the Acting Municipal Commissioner, made in his letter No. 2325, dated 9th instant, sanction was given to the payment of Rs. 1,668-12-0, for cost of removing 3″ and 4″ old water mains from DeLisle, Elphinstone and Warli Roads; the cost to be debited to the grant of Rs. 81,550, sanctioned by the Corporation in its Resolution No. 418, dated 26th May 1887, for laying water mains in Lady Jamsedji and other roads; the work to be carried out by Messrs. Kavasjee Sorabjee Bhedwar & Co.

No. 1058.

On the application of the Acting Municipal Commissioner, made in his letter No. 2324, dated 9th instant, sanction was given to the extension of the time of the contract, sanctioned by the Town Council, in their Resolution No. 1304, dated 5th October 1887, for laying water mains in Lady Jamsedji and other roads, from the 20th February to 31st May 1888.

No. 1059.

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BOMBAY, 16*th May* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the HEALTH OFFICER; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the SECRETARY.

On the question of the signing of the minutes of the meeting held on the 9th instant, it was agreed that the

minutes be varied by the insertion, on page 3 of the printed proceedings, of the word "amendment" in place of the word "proposal" in lines 9 and 20.

The minutes were then signed.

The Acting Municipal Commissioner applied, verbally, for sanction to the acceptance of tenders for 5 per cent. debentures in the Tansa Water Works Loan of the value of eight lakhs at 105¾ and 105½ per cent.

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

*Resolved :* That, subject to the sanction of the Government of India being obtained to the raising of a further portion of the Tansa Water Works Loan, the Acting Municipal Commissioner be authorised to accept the following tenders for 8 lakhs of the Loan :—

No. 1080.

2 lakhs at 105¾ per cent.
6 do. at 105½ do.

The amount to be payable on 15th August 1888, and the debentures for the same to be issued soon thereafter.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 1081.—100 square yards, or thereabout, at proposed new road, No. 2, Agripada, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Mr. Adum Oomer.)

No. 1082.—2·39 square yards, or thereabout, at No. 48, Kamathipura 12th Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to build is made by Gunabai, daughter of Luxumon Dhurmaji.)

No. 1083.—5·68 square yards, or thereabout, at Nos. 250—254, Nishanpada Road, at the rate of Rs. 15 per square yard. (In this case, the application for permission to rebuild is made by H. H. Aga Sultan Mahomed Shah.)

No. 1084.—2 square yards, or thereabout, at Nos. 64—66, Naron Dhuru Street, at the rate of Rs. 15 per square yard. (In this case, the application for permission to rebuild is made by Mr. Bhimji Ramji.)

No. 1085.—4·02 square yards, or thereabout, at No. 2, Kazi Syed Street, at the rate of Rs. 30 per square yard. (In this case, the application for permission to rebuild is made by Mr. Premji Kara.)

Read letter No. 2672, dated 15th instant, from the Acting Municipal Commissioner, to the Secretary, asking sanction to an arrangement entered into with Mr. Sorabjee Dinshaw Sopariwalla, for the purchase from him of the buildings now rented from him for Ward Offices at Dadur.

Proposed by Cowasjee Hormusjee, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That sanction be given to the purchase from Mr. Sorab-
No. 1086. jee Dinshaw Sopariwala, for Rs. 14,000, of the buildings at Dadar, together with 1,007 square yards of ground, or thereabout, now rented from him for offices for the F and G Wards. The conveyance charges to be borne by the Municipality. The cost to be debited to the Budget Grant of Rs. 16,000, for Ward offices at Dadar for the Assessment and Engineering Departments."

*Carried.*

On the motion of Colonel Merewether, seconded by Raghunath Narayan Khote, Esq., it was—

*Resolved:* That, as recommended by the Acting Muni-
No. 1087. cipal Commissioner, in his memorandum No. 2675, dated 15th instant, the Town Council fix Rs. 5 per square yard, as the value of the ground covered by the erection of a rewas in front of Mr. Alibhoy Mungulji's house, in Sankli Tank Road.

Considered memorandum No. 2734, dated 16th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter from the Acting Executive Engineer in his letter No. 1505 B, dated 12th instant, as follows :—

SIR,—I have the honor to report that Mr. Nanabhoy Bhoodoodas has built a stable measuring 286′ × 61′ × 10′ 10″ on the north side of Baboola Tank Road, contrary to the sanctioned plan, by not providing sufficient plinth, and building a portion of the stable over a stormwater masonry drain running from the compound towards the west. The level of the plinth of the stable is the same as that of the nearest public road. The stable consists of benteak posts and masonry walls in the sides and in the rear, being open in the front. It is roofed over with timber framing and covered over with Mangalore tiles. It is divided into 8 compartments each 61′ × 31′ and separated by plank partitions. The building when commenced was strongly objected to by the Health Officer for the reason of its being erected on ground made of kutchra and other refuse. The work of building was commenced in January last. A notice under Section 167, requiring the owner to adhere to the sanctioned plan by providing plinth a foot

higher than the nearest road surface, was served on the 22nd March 1888; but up to date it has not been complied with. The work of building the stable is not quite completed, and stable not occupied. I beg that sanction of the Town Council may be obtained (under Section 167 of the Municipal Acts) to demolish the said stable.

The party was informed on the 12th instant, that sanction of the Town Council to demolish the stables would be applied for at the next meeting.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 1088. "That, as applied by the Acting Municipal Commissioner, in his memorandum No. 2734, dated 16th instant, sanction be given to the demolition of stable built on the north side of Baboola Tank Road, the property of Mr. Nanabhoy Bhoodoodass."

*Carried.*

No. 1089. The seal of the Corporation was affixed to deed of conveyance from Mr. Jooma Moosa, of ground taken up for the improvent line of Oomerkhary Lane. (The Acting Executive Engineer, in his letter No. 1586B, dated 14th May 1888, to the Acting Municipal Commissioner, states that 44·40 square yards of ground only were taken up in this case, being ·35 square yard less than the area, 44·75 square yards, sanctioned by the Council on the 8th July 1885.)

No. 1090. Considered and *recorded* memorandum No. 2331, dated 9th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorized the following sale :—

| Sale. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| 2,441 cart-loads Road detritus, at 9 pies a cart. | Municipality. | Hadji Essa Hadji Fuzla. | .... | May 1888 .. | Rs. a. p. 114 6 9 |

Read letter No. 804W, dated 16th instant, from the Deputy Executive Engineer, Water Works, to the Acting Municipal Commissioner, asking for sanction to the acceptance of the tender of Messrs. R. Bhaijibhoy and Co., for the laying of water mains.

Proposed by Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 1091. "That sanction be given to the acceptance, by the Acting Municipal Commissioner, of the tender of Messrs. M. Rahimtula Bhaijibhai & Co.—the lowest of 3 tenders received—for the laying of water mains in Pydhonee and other districts, at a cost of Rs. 9,972-12-0, *plus* Rs. 997-4-5, for cost of contingencies at 10 per cent., total Rs. 10,970-0-5 *plus* Rs. 6,970 for cost of road repairs, and Rs. 7,730 for sluice valves, fire hydrants and special castings supplied from Water Works stock."

*Carried.*

Read letter No. 2673, dated 15th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—Owing to ill health, Mr. MacEwen, Assistant Engineer at Tansa, on Rs. 850, has been granted 15 months' sick-leave, the leave to commence from the close of the working season in June.

2. It is necessary to appoint his successor at once, and on the recommendation of Mr. Clerke, I have approved of the selection of Mr. Hawkes, one of the applicants specially recommended to the Town Council for selection when Mr. Benson was lately appointed ; Mr. Hawkes will draw Rs. 750.

3. Mr. Clerke considers it essential that he should join at once so as to be initiated into his work at Tansa for about a month before Mr. MacEwen leaves. This will cause an excess of one month's pay, but as it is extremely desirable that Mr. Hawkes should be shewn his work by Mr. MacEwen I have authorized Mr. Clerke to send for him at once in anticipation of the Town Council's sanction to the excess charge.

4. I now request the favor of formal sanction to this excess, as well as to the cost of the acting arrangement, *viz.*, the payment of Rs. 750 per mensem, to Mr. Hawkes during Mr. MacEwen's absence on sick-leave, and the payment of the usual sick-leave allowance to Mr. MacEwen himself ; the whole to be debited to the grant for Tansa Establishment.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 1092. "That Mr. C. E. Hawkes, A.M.I.C.E., be appointed to act as Assistant Engineer in charge of dam construction at Tansa, on a salary of Rs. 750 per mensem, inclusive of all allowances, during the absence, or until further orders, of Mr. R. MacEwen on fifteen months' sick-leave, from such date in June next as he may avail himself of the leave.

"That Mr. Hawkes be appointed immediately in order to allow of his becoming properly acquainted with his

work by such time as he takes over charge from Mr. MacEwen. That sanction be given to the payment of Mr. Hawke's salary at Rs. 750 per mensem, from such date as he joins his appointment. This charge, as well as the allowance to Mr. MacEwen on sick-leave to be debited to the grant for Tansa Water Works Establishment.

"That, in the event of Mr. Hawkes succeeding to the appointment permanently, his pay is not to exceed Rs. 750 a month, inclusive of all allowances."

*Carried unanimously.*

No. 1093. On the application of the Acting Municipal Commissioner, made in his memorandum No. 2291, dated 9th instant, sanction was given to the payment of Rs. 23, to meet the cost of allowance to the Polling officer and the clerk employed at the Ratepayers' election held on the 25th April 1888; the cost to be debited to the grant provided in the Budget for the current year for election charges.

No. 1094. *Resolved*: That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 2376, dated 9th instant, the Corporation be recommended to sanction the writing off of Rs. 31-0-10, from the Dead Stock Return of the Health Department, being the book value of one dust-bin injured by fire.

No. 1095. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 2414, dated 11th instant, the Corporation be recommended to sanction the writing off of Rs. 6,734-3-3, from the Live Stock Return of the Health Department, being the book value of 50 bullocks that died, and 67 that were sent to Pinjrapol, total 117, during the quarter ending 29th February 1888.*

*Ordered:* That the return for the quarter ending 31st March last, showing the income and expenditure for the quarter, as compared with the corresponding quarter for the previous year, together with the list of the additional grants sanctioned by the Corporation during that quarter,

* Causes of death: 32 old age and general debility, 2 flatulent colic, 1 abscess in liver, 1 tetanus, 1 dropsical swelling of throat, 5 foot and mouth disease, 1 foot and mouth disease and inflammation of lungs, 1 inflammation of lungs and general debility, 9 inflammation of lungs and heart, 1 inflammation of liver and heart, 1 inflammation of lungs, 1 enlargement of spleen and general debility, 1 inflammation of lungs and abscess in liver. Total died 50 and 67 cast bullocks sent to Pinjrapol—total 117. Locality where death or invaliding took place: 4 Bori Bandar stable, 1 C Ward stable, 1 D Ward stable, 37 Bori Bandar Hospital, 7 Sankli Tank shed. Total died 50 and 67 sent to Pinjrapol—total 117. Annual percentage of loss on the whole stock, 27·7.

forwarded with the Acting Municipal Commissioner's memorandum No. 2562, dated 12th instant, be printed and circulated.

The consideration of the application for sanction to the serving of notice on Mr. Vithuldass Gopaldass, requiring him to raise the compound of his property at No. 398, Grant Road, was postponed, pending enquiry by the Health Officer as to the effect of the filling in on the approaches thereat.

*Ordered:* That the following be laid on the table :

No. 1097. —Letter, dated 14th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for April last, and compared them with the ledgers and found them correct; and forwarding summary and statement of their scrutiny of the accounts.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 13th May 1888.*

Report of the A Police Division of fire in one of the Ordnance Warrant Officer's bungalows, Esplanade Road, on the 5th instant : damage is roughly estimated at Rs. 10.

Read letter No. 2671, dated 15th May 1888, from the Acting Municipal Commissioner, to the Secretary, as under :—

SIR,—I have the honour to request that the Corporation be recommended to sanction the grant of Rs. 750, to pay for the cost of 300 copies, including binding, of the new Municipal Bill as soon as it becomes Law. Unless orders are given to the Superintendent of the Government Central Press to print the number of copies required by the Municipality, sufficient copies will not be available for the use of the members of the Corporation and the Municipal officers.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

*Resolved* : that the Corporation be recommended to sanc-

No. 1098. tion the grant of Rs. 1,050, from Surplus Cash Balance, to meet the cost of 500 copies, including binding of 300, of the new Municipal Bill as soon as it becomes Law.

Read memorandum No. 2695, dated 15th instant, from the Acting Municipal Commissioner, forwarding letter,

* *See* Appendix B.

dated 12th idem, from Messrs. Crawford and Buckland to himself, on the question of the negotiations entered into with Messrs. Jehangir and Cursetji Dadysett, regarding the landslip at Gibbs Road in 1887.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 1099. "That, with reference to the landslip in Gibbs Road, in July last, and the damage done thereby to the Tulsi water main and the public roadway, the Acting Municipal Commissioner be now authorized to settle the claim of the Municipality against Messrs. Jehangir and Cursetjee Dadysett on the following terms :—That Mr. Cursetjee Dadysett shall contribute the sum of Rs. 3,500 towards the expenses which the Municipality have been and are being put to in the matter, and that as against this sum he shall be allowed a credit of Rs. 1,000, or thereabout, for the value at Rs. 5 per square yard, of so much of his land as may be eventually taken and used for the site of the permanent retaining wall of the road."

*Carried.*

Proposed by Surgeon-Major Waters, seconded by the Chairman—

No. 1100. "That, with reference to Government Resolution No. 1361 (General Department), dated 1st May 1888, and letter from the Acting Municipal Commissioner, No. 2717 of 15th idem, the Corporation be recommended to sanction the payment of Rs. 11,700 from Surplus Cash Balance (to be adjusted hereafter to the debit of Loan charges), to provide for the pay of staff for making surveys for pipe sewers and ovoid sewers in Umarkhadi, Bhuleshwar, Khara Talao, Tarwari, Mazagon, Byculla, Chinchpokli and Parel districts."

*Carried nem con.*

No. 1101. On the application of the Acting Commissioner made in his letter No. 2763, dated this day, sanction was given to the payment of Rs. 990, from the grant for laying of water mains in Pydhowni and other districts, (contingencies), for the employment of the following temporary staff for supervising the laying of the mains :—

One Inspector at Rs. 100 per mensem for 6 months, Rs. 600 ; one Sub-Inspector at Rs. 35 ; ditto Rs. 210 ; 1 account clerk at Rs. 30 for 4 months, Rs. 120; 1 draftsman at Rs. 30 for 2 months, Rs. 60.

The Council considered the following items of "Outstanding Business" (1st May 1888) :—

No. 1102. "Papers relating to the question of the present Municipal Pension Rules, together with minute by the Hon'ble Mr. Dadabhai Navroji."

*Struck out*, as under the new Act, the By-laws will be reconsidered generally.

"Resolution of the Corporation, No. 1900, dated 22nd December 1887, as under :—

"'That the following be transferred to the Town Council for favour of report :—

"'Petition, dated 8th December 1887, from butchers and dealers carrying on business at Bandora, praying that a proper shed or shelter may be provided for sheep and goats at the Slaughter Houses there, and that the present system of the carriage of meat by bullock-vans may be abandoned, and the former system of meat-conveyance by railway returned to.' "

Read letter to the Secretary from the Acting Municipal Commissioner, No. 2735, dated this day as under :—

SIR,—In reply to the Town Council's Resolution No. 1961, of 4th January 1888, I have the honour to state that there are great difficulties in the way of a satisfactory solution of the market meat question.

2. A shed for the goats and sheep has been wanting for 8 or 9 years past, and though desirable, there is of course no specially urgent reason for undertaking it at once. I have asked the Engineer to prepare an estimate of the cost, and I chose a site a few days ago in case it were decided to go to the expense of erecting one.

3. The question of bringing in the meat by train is a very difficult one, and has been engaging the attention of both Mr. Ollivant and myself for some years past.

4. The difficulties consist in—

1st.—The expense, as it is probable that carriage by rail will be more expensive than the present system though certainly preferable to it. 2nd.—The necessity for running the train partly on the B. B. & C. I., and partly on the G. I. P. Railway so as to reach Bori Bandar. 3rd.—The difficulty in obtaining a meat siding anywhere near the Arthur Crawford Market and the high price to be paid for it.

5. I am, however, in active correspondence both with the Railway Companies on the subject of the haulage and with Government on the subject of land for a meat train siding.

Till all these points are settled, no scheme can be definitely brought forward, and the butchers should be informed that nothing can be done for some time to come.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

It was agreed that this item be *struck out*, and that the letter No. 2735, 1888-89, from the Acting Commissioner,

be forwarded to the Corporation with the expression of the Town Council's concurrence therewith.

"Memorandum No. 2569, dated 15th March 1888, from the Clerk and Secretary, forwarding for favour of remarks by the Council, as per Resolution of the Corporation, 12th December 1887, petition, dated 14th March 1888, from Messrs. Jehangir Pestonjee, C. J. Khambatta, and other residents of DeLisle Road, complaining of the state of a piece of vacant land in charge of the Collector of Bombay thereat, and praying that that officer may be requested to fill in and fence the land in question."

It was agreed that this item be *struck out*, and that the Corporation be informed that the ground referred to is situated at the junction of DeLisle and Clerk Roads to the west of Elphinstone College. It is a low-lying land, and the Acting Commissioner in his memorandum No. 2736 of this day's date, states that it belongs to Government, and is required by the Municipality, for the extension of the water works stores. Government have been asked to sell or lease the plot to the Municipality.

No. 1104.

"Item No. 11—That the Acting Municipal Commissioner be asked to inform the Council, in connection with the water main having burst and flooded the race course recently. (1.) The number of bursts there have been during the last five years ; (2.) The dates and localities at which they occurred ; (3.) If there is any special reason, why the bursts should occur either at the vicinity of the race course or about the time when the annual races occur ; (4.) If he can supply any information why the two bursts near the race course have taken place ; and (5.) If any steps can be taken to prevent similar inconvenience to the public taking place, as occurred this year, through the main having burst during the race meeting."

Read letter No. 292 W. of 1888-89, from the Deputy Executive Engineer, Water Works, to the Acting Municipal Commissioner, dated 18th April 1888, stating :—

"As requested in your No. 379 of the 10th instant, I have the honour to report seriatim to the questions on the Town Council's resolution as follows :—

"1883, 4 Bursts, 9 Joints ; 1884, 3 Bursts, 2 Joints ; 1885, 3 Bursts, 3 Joints ; 1886, 2 Bursts, 16 Joints ; 1887, 3 Bursts, 32 Joints ; 1888, up to 26th March, 2 Bursts, 16 Joints. The increase in the number

of Joints is due partly to the better record kept in recent years, but mainly to the continual blowing of the Joints on the line of the diversion from Haines Road to Warden Road to avoid the Surface Drainage Lake and the Race Course. This appears to be due to the want of convergence in the sockets of the pipes used on the diverted line.

"2. *Vide* list attached.

"3. No.

"4. In 1886 the flooding was due to the lead blowing completely out of the Joints. As is seen above, these joint leaks frequently occur. I cannot say how many times the Race Course has been flooded when the races have not been going on. In 1888 the flooding was due to the fracture of the bonnet or hood of the 26″ sluice-valves in Haines Road. There was, on the same day, either just before or just after a burst-pipe at Mahim. It is not known which occurred first; but I believe the burst (at Mahim was the first), and that the fracture of the sluice was due to the shock caused by the sudden release of water there. The water, in the rise from the flats to Khamballa Hill, would suddenly reverse its flow; and to this is due, I believe, the fracture of the sluice bonnet.

"5. No. The occurrences were, I believe, both accidental, the line is regularly patrolled and leaks repaired as soon as detected. I examined the fractured sluice soon after the accident and before it was removed from the place. There were no traces of foul play, and any person who entered the sluice house to break it, would almost certainly have been drowned the moment after he effected his object."

Also memorandum No. 2720 of 1888-89, dated 16th instant, from the Acting Municipal Commissioner, to the Town Council, stating :—

"It will be seen that bursts are very frequent. It has apparently only twice happened that the burst coincided with a race day, *i.e.*, on February 20th, 1888, and March 9th, 1886. There appears to be no way of providing that bursts should not occasionally occur."

No. 1105. It was agreed that these papers be *recorded*, and the item be *struck out.*

"Resolution of the Corporation No. 103, dated 12th April 1888, as follows :—"That the Town Council be requested to furnish the Corporation with an estimate of the cost of providing a few of the stalls in the new fish market, to be erected in the Arthur Crawford Market premises, with marble slabs on which to expose the fish brought to the market for sale."

No. 1106. Read memorandum from the Acting Municipal Commissioner No. 2724, dated this day, forwarding estimate amounting to Rs. 825, which, it was agreed, be submitted to the Corporation.

This item was therefore *struck out.*

"Letter, dated 1st March 1888, from Messrs. Ethoo Keshev and other residents of Agripada, complaining of the closing, by Mr. Oosman Ahmed, of a public passage opposite the milch cattle stables thereat."

It was agreed that this item be *struck out*, and that Messrs. Eshoo Keshew and others be informed that the ground in question has been purchased by the Municipality for the purpose of affording access to the milch cattle stables at Agripada.

No. 1107.

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BOMBAY, 23*rd May* 1888.

AT the regular meeting of the Town Council, held this day, there were present:—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CONTROLLER OF MUNICIPAL ACCOUNTS; and the SECRETARY.

The minutes of the meeting held on the 16th instant, were signed.

The Acting Municipal Commissioner applied, verbally, for sanction to the acceptance of tenders for 5 per cent. debentures in the Tansa Water Works Loan, of the value of Rs. 28,82,000 at 107 per cent.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, subject to the sanction of the Government of India being given to the raising of a further portion of the Tansa Water Works Loan, the Acting Municipal Commissioner be authorized to accept the following tenders for the taking up of Rs. 28,82,000 of the said loan at 107 per cent.:—

No. 1125.

Rs. 2,82,000 on 1st October 1888, Rs. 8,00,000 on 1st October 1888, Rs. 4,00,000 on 1st November 1888, Rs. 9,00,000 on 15th November 1888, Rs. 5,00,000 on 1st December 1888.

The debenture bonds for the Rs. 28,82,000 to be delivered as soon after the above dates as may be practicable."

*Carried.*

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 1126.—342·78 square yards, or thereabout, at Bruce Lane, at the rate of Rs. 30 per square yard. (In this case, the application for permission to build is made by Sirdar Dilar Jung, C.I.E.)

No. 1127.—2·89 square yards, or thereabout, at Warli Pakadi, at the rate of As. 8 per square yard. (In this case, the application for permission to rebuild is made by Mr. Atmaram Juggonnath.)

No. 1128.—2·29 square yards, or thereabout, at Nos. 80-82, Bhandari Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Mr. Hujramull Hurji.)

No. 1129.—20 square yards, or thereabout, at No. 51, Gowalia Tank Road, at the rate of Rs. 4 per square yard. (In this case, the application for permission to build is made by Mr. Pandoo Khundoo.)

No. 1130.—23 square yards, or thereabout, at Sewri Road, at the rate of Re. 1 per square yard. (In this case, the application for permission to build is made by Hadji Mejoola Humidoola and Mr. Noor Mahomed Hadji Mejoola.)

Considered memorandum No. 2907, dated 19th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the alterations and set-back specified in letter No. 1591 B, dated 15th idem, from the Acting Executive Engineer, as follows :—

SIR,—I have the honor to report that Mr. Tar Mahomed Hadji Gunny has, without permission, rebuilt considerable portions of his houses bearing Nos. 209-213, Paidhowni Road, and Nos. 26-28, Khadak Street, respectively, involving the removal and re-erection of the rear main walls, besides greater portions of the side main walls. The attached tracing marked A shows in yellow colour the walls and timber work removed and reconstructed ; and in red colour the old work at present standing but in course of renewal.

The following is a précis of the case:—On the 23rd December last when the work then executed was found to be such as to bring the case within the meaning of Section 165, notices were served requiring the owner to submit plans ; several reminders have since been written to him, but up to date no reply has been received. The work is still in progress.

On this office plan a set-back of the house fronting Paidhowni Road has been marked off for street improvement, corresponding to the

ground scored in red on the accompanying tracing. The land required measures 7·57 square yards.

The privies have now been constructed inside the house, and the house gully which formerly existed between the two houses has now been built over.

I beg to suggest that sanction of the Town Council be obtained to take up the 7·57 square yards of ground for the set-back, to pull down the old structure standing on the said set-back, to detach the privies, and to remove the construction made over the gully.

The cost of the ground at the estimated rate of Rs. 20 per square yard amounts to Rs. 151-6-4.

The party was informed on the 15th instant that the sanction of the Town Council to the abovementioned alterations would be applied for at the next meeting.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

On the motion of Colonel Merewether, seconded by Surgeon-Major Waters, it was—

No. 1131. *Resolved* : That sanction be given to the alteration or demolition of such portions of houses at Nos. 209—213, Paidhoni Road, and Nos. 26—28, Khadak Street, respectively, the property of Mr. Tar Mahomed Hadji Ganny, as stand on the ground to be taken up by the Municipality for street improvement. That sanction be given to the taking up of 7·57 square yards, or thereabout, thereat, at the rate of Rs. 20 per yard. That the privies for these buildings be detached to the satisfaction of the Health Officer, and that the construction made over the gully between the houses be removed.

Considered memorandum No. 2908, dated 19th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 1563B, dated 14th idem, from the Acting Executive Engineer.

On the motion of Colonel Merewether, seconded by Sir Henry Morland, it was—

No. 1132. *Resolved* : That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2908, dated 19th instant, sanction be given to the demolition of plinth moulding projecting over the ground taken up for street improvement at Nos. 55-59 at the junction of Nakhoda Street and Narayan Dhuru Street, from Hadji Mahomed Hadji Abba.

Considered Resolution of the Town Council, No. 1465, dated 2nd November 1887, asking the Acting Municipal Commissioner to be good enough to give to the Council at as early a date as may be practicable, a statement showing in detail the number of pieces of ground required for improvement of streets, the purchase of which has been sanctioned by the Town Council from the 1st January 1877 up to date, and which yet remain to be paid for, with the rate per yard, and the total price of each piece, the date when the set-back was sanctioned, the locality of the set-back, and the name of the party from whom the set-back was asked, showing also the aggregate sum which yet remains to be paid in respect of all such pieces of ground.

Read letter No. 2972, dated 21st instant, from the Acting Municipal Commissioner, reporting that the statement in question has been prepared, but that it would be prejudicial to the interest of the Municipality to publish the list.

Proposed by the Chairman, seconded by Colonel Merewether—

No. 1133. "That letter No. 2972, dated 21st instant, from the Acting Municipal Commissioner, be *recorded.*"

*Carried.*

The seal of the Corporation was affixed to 390 debentures in the Tansa Water Works Loan, of the aggregate value of Rs. 7,00,000, namely, 100 debentures of the value of Rs. 500 each, Nos. 1 to100, both inclusive ; 200 ditto of Rs. 1,000 each, Nos. 101 to 500, both inclusive ; and 90 ditto of Rs. 5,000 each, Nos. 501 to 1400, both inclusive.

No. 1134. The seal was affixed to deed of contract with Mr. Dorabji Hosangji for the removal of offal from the Slaughter Houses, Bandora, during 1888-89.

No. 1135. Considered and *recorded* memorandum No. 3030, dated 22nd instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the

Municipal Acts of 1872 and 1878, that he has authorised the following purchase and sales :—

| Supplies. | Sales. | Name of Supplier. | By whom purchased. | For what purpose required. | When | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| Furniture. | .... | Messrs. Ludha Ebrahim & Co. | The Executive Engineer, Tansa Water Works. | For Officers' Bungalow at Tansa. | March and April 1888 | 897 8 0 |
| .... | 2 Cart-loads manure at Re. 1 per cart-load. | Municipality. | Mr. Fred. Blyth. | .... | May 1888.. | 2 0 0 |
| .... | 10 Do. do. | Do. .. | Mr. H. M. Phipson. | For garden at Cama Hospital. | Do. .. | 10 0 0 |
| .... | 4 Do. at As. 8 per cart-load. | Do. .. | Mr. Framji D. Bahadarji. | .... | Do. .. | 2 0 0 |
| .... | 6 Do. turf at As. 8 per cart-load. | Do. .. | Mr. Fred. Blyth. | .... | Do. .. | 3 0 0 |

Read letter No. 97, dated 26th March last, from Mr. R. MacEwen, Assistant Engineer, Tansa, to the Acting Municipal Commissioner, through the Executive Engineer, Tansa, stating that he has not been allowed to return to his duty in Bombay, that, owing to the climate of Tansa, his health has broken down and that he is advised that, if he remains in Tansa longer, his health will be completely ruined; asking that, as he is not allowed to return to Bombay, he may be allowed to retire from the service, and that he may be informed what pension and bonus he will be entitled to.

Also the Executive Engineer's memorandum No. 1588 of 27th idem, stating that Mr. MacEwen has worked with zeal and energy on the Tansa Dam works, and has carried out the duty entrusted to him very satisfactorily, and that his health is doubtless impaired.

Report from the Controller to the effect that Mr. MacEwen on medical certificate is entitled to a pension of Rs. 200 per mensem, that he is at present entitled to 75 days' privilege leave. The following leave is also due to him :—2½ years on medical certificate (but not for more than 2 years at one time) ; 15 months thereof on half average salary and 9 months on quarter average salary ; and one year's furlough on half average salary.

Further letter from Mr. MacEwen, No. 13, dated 3rd May 1888, forwarding medical certificate from Dr. Temperley Gray, asking for the privilege leave due to him up to the date of leaving Bombay and fifteen months' sick leave.

Also the Acting Municipal Commissioner's memorandum No. 2356, dated 19th instant, granting 15 months' leave on half-pay to Mr. MacEwen.

Further letter from Mr. MacEwen, No. 18, dated 17th instant, asking the Acting Municipal Commissioner to reconsider his decision and to grant the privilege leave and sick leave in continuation, requesting that, if the Acting Commissioner cannot accede to this request, the application may be placed before the Town Council: asking first "have I any appointment in Bombay," second, "if I have, when may I return to it?"

Memorandum No. 2978, dated 21st instant, from the Acting Municipal Commissioner, as under :—

Forwarded to the Town Council with previous correspondence as Mr. MacEwen wishes his case discussed by them.

I propose to reply to Mr. MacEwen's questions as follows :—

1. Mr. MacEwen has an appointment of Rs. 850 under the Municipality, and his present orders are to serve at Tansa as Superintendent of Dam construction, as entered in the list of establishment accompanying the Budget.

2. I have no present intention that Mr. MacEwen should return to work in Bombay.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, with reference to his letter to the Acting Municipal Commissioner, dated 17th instant, Mr. MacEwen be informed that the leave granted to him on the 16th idem cannot be altered, and that, if he wishes to retire from the municipal service on pension, he must apply in the usual way as provided for in the By-laws."

No. 1136.

*Carried.*

Read letter No. 2815, dated 18th instant, from the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to request that the Town Council will accord their general sanction to my expending such sums as may be necessary

from time to time out of the grant of Rs. 20,000, recently sanctioned for the erection of latrines and urinals.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Raghunath Narayen Khote, Esq.—

"That, subject in all cases to the provisions of the contract sections of the Municipal Acts, the Town Council accord their general sanction to the Acting Municipal Commissioner's expending such sums as may be necessary from time to time out of the grant of Rs. 20,000, recently sanctioned for the erection of latrines and urinals.

No. 1137.

"That a return be presented to the Council by the Acting Commissioner monthly, showing the amount expended from the grant during the preceding month and the nature of the work performed."

*Amendment*, moved by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, with reference to his letter No. 2815, dated 18th instant, the Acting Municipal Commissioner be informed that, in the opinion of the Town Council, he should apply for sanction to expenditure from the Rs. 20,000 in question, in each case as it arises."

On a division, there were 3 votes *for* and 4 votes *against* the amendment which was *lost.*

The voting on the original motion was 4 votes *for* and 4 votes *against.* By the casting vote of the Chairman, the motion was *carried.*

On the application of the Acting Municipal Commissioner, made in his memorandum No. 2973, dated 21st instant, sanction was given to the transfer of Rs. 153-9-10, from savings in Section II, Labour, A, Scavengering, Conservancy Branch, Health Department Budget, to Section III, Ward Inspection Offices, Assessment and Collection Department Budget, to meet the cost of acting arrangement made during the absence of Mr. W. Pearson, Superintendent, A Ward, Assessment Department, on privilege leave.

No. 1138.

On the motion of Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., it was—

No. 1139. *Resolved*: That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 2909, dated 19th instant, sanction be given to the payment of Rs. 30, to meet the cost of (1) Rs. 25 for the purchase of meter of 1″ diameter, attached to the service pipe of the Cathedral High School, and (2) Rs. 5 for putting the meter into thorough repair; the cost to be debited to the grant of Rs. 50,000, for the purchase of Water Works fittings.

No. 1140. On the application of the Acting Municipal Commissioner, made in his memorandum No. 2725, dated 16th instant, sanction was given to the payment of Rs. 286-11-2, to meet the cost of a connection being made between the drain of a chawl, the property of Mr. Dadabhoy Bapoojee Lam, near Bellasis Bridge depôt and the new main sewer thereat; the cost to be debited to the grant for the first section of Drainage Works.

Considered letter No. 385, dated 7th May 1888, from the Controller to the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to forward, for transmission to the Town Council, a Quarterly Return for the quarter ending 31st March 1888, as compared with the corresponding quarter for the previous year, exclusive of adjustments, as required by the Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

The exact amount of the surplus cash balance can only be stated after the accounts of the past year are finally closed, which cannot be done probably before July next, as the Engineer's Department have not, as already verbally and officially intimated to you, submitted Private and Departmental Works Statements for the past three months, Adjustment Vouchers and Stock Returns as yet.—I have, &c., SORABJI NAVAROJI COOPER, Controller of Municipal Accounts.

## ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the Quarter ending

| | Budget Estimate. for 1887-1888. | Quarter ending 31st March 1887. | Quarter ending 31st March 1888. | TOTAL. |
|---|---|---|---|---|
| **RECEIPTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Opening Balance* ... ... | 5,00,000 0 0 | 1,10,265 14 7 | 3,55,529 14 9 | ..... |
| Consolidated Rate ... ... | 13,51,000 0 0 | 1,69,128 1 11 | 1,68,407 5 7 | |
| Water Rate ... ... ... | 7,28,500 0 0 | 1,69,237 4 2 | 1,58,191 9 6 | |
| Duties, Town ... ... | 8,70,000 0 0 | 2,58,991 10 10 | 3,61,075 12 9 | |
| „ Tobacco ... ... | 1,71,000 0 0 | 68,532 1 11 | 55,305 2 3 | |
| „ Liquor Licenses ... | 1,43,750 0 0 | ..... | ..... | |
| Conveyance Licenses ... | 3,200 0 0 | ..... | ..... | |
| „ Wheel Tax ... | 3,03,000 0 0 | 68,179 13 0 | 67,982 6 0 | |
| „ Tolls Fees through Traffic Manager, Port Trust* ... ... | 15,800 0 0 | 4,338 8 0 | 3,693 0 0 | |
| Halalkhor Cess ... ... | 3,53,000 0 0 | 55,748 2 7 | 68,782 11 9 | |
| Market Receipts ... ... | 2,64,500 0 0 | 72,257 12 11 | 71,375 0 11 | |
| Miscellaneous Savings (on account of unpaid salaries and wages, &c.) ... ... | 3,000 0 0 | 752 14 11 | 2,466 6 5 | |
| Miscellaneous Fees ... ... | 79,000 0 0 | 26,272 15 10 | 28,690 12 7 | |
| „ Receipts ... | 84,300 0 0 | 24,114 13 1 | 29,439 13 8 | |
| „ Fines... ... | 11,000 0 0 | 1,393 2 2 | 2,829 0 2 | |
| Public Gardens ... ... | 8,000 0 0 | 2,765 7 5 | 2,035 0 8 | |
| Fire Insurance Companies... | 25,000 0 0 | ..... | 892 0 0 | |
| Contribution from Municipal Servants towards Pension, &c., Fund ... ... | 10,000 0 0 | 2,767 15 6 | 3,036 4 0 | |
| Sale proceeds of Govt. Paper forfeited by contractors... | ..... | ..... | 689 11 3 | |
| Tramway Rent ... ... | 33,000 0 0 | 16,477 4 7 | ..... | |
| Interest on the Road Improvement Fund ... ... | ..... | ..... | 565 12 7 | |
| | 44,57,050 0 0 | 9,40,958 0 10 | 10,25,457 14 1 | |
| Debt ... ... ... ... | ..... | ..... | ..... | |
| Workshops ... ... ... | ..... | 45,569 15 0 | 38,954 0 11 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 9,23,200 0 0 | 10,68,906 13 0 | |
| Advances ... ... ... | ..... | 5,09,069 12 8 | 7,22,776 10 4 | |
| Deposits ... ... ... | ..... | 4,22,949 9 11 | 4,60,901 3 3 | |
| Rupees ... | 44,57,050 0 0 | 28,41,747 6 5 | 33,16,996 9 7 | |
| Total Rupees... | 49,57,050 0 0 | 29,52,013 5 0 | 36,72,526 8 4 | |

## FOR THE QUARTER ENDING 31ST MARCH 1888.

31st March 1887, exclusive of adjustments.

| | Budget Estimate for 1887-88. | Quarter ending 31st March 1887. | Quarter ending 31st March 1888. | TOTAL. |
|---|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,71,383 0 0 | 46,119 6 6 | 47,829 0 9 | |
| Assessment and Collection Department ... ... | 2,06,645 0 0 | 77,213 10 7 | 59,445 7 3 | |
| General Police (including Police Hospital) ... ... | 2,61,352 0 0 | 66,277 12 5 | 65,337 1 9 | |
| Fire Brigade... ... ... | 75,151 0 0 | 19,225 15 8 | 16,855 15 8 | |
| Health Department... ... | 11,04,621 0 0 | 2,73,077 7 6 | 3,02,860 0 9 | |
| Public Works. Establishment... ... | 1,11,084 0 0 | 33,491 7 6 | 29,056 13 4 | |
| Lighting ... ... | 2,97,940 0 0 | 73,442 3 10 | 75,151 14 11 | |
| Watering ... ... | 81,388 0 0 | 32,635 6 3 | 24,467 3 4 | |
| Repairs, Roads... ... | 3,05,942 0 0 | 98,974 14 2 | 1,25,774 0 0 | |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 25,000 0 0 | ..... | ..... | |
| Repairs, Buildings ... | 5,413 0 0 | 5,306 6 10 | 5,023 9 4 | |
| Improvement of Streets | 40,000 0 0 | 23,347 8 6 | 10,985 14 9 | |
| Water Works ... ... | 96,040 0 0 | † 7,20,783 9 1 | † 11,30,292 13 1 | |
| Drainage ... ... | 79,729 0 0 | 17,034 14 9 | 22,589 7 4 | |
| Public Gardens ... | 39,481 0 0 | 9,814 7 4 | 8,871 1 9 | |
| New Works and Reserve Funds exclusive of Jubilee | 3,45,466 0 0 | 61,195 2 11 | 34,103 14 6 | |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 1,00,408 0 0 | 44,295 8 3 | 22,304 2 4 | |
| Education (including Veterinary College, &c., Contribution) ... ... ... | 50,398 0 0 | 11,757 11 5 | 28,212 15 9 | |
| Debt ... ... ... ... | 13,59,609 0 0 | 3,57,475 3 11 | 4,12,747 10 6 | |
| | 47,57,050 0 0 | 19,71,468 13 5 | 24,21,909 3 1 | |
| Workshops ... ... ... | ..... | 57,228 6 5 | 23,432 6 10 | |
| Profit and Loss on account of Stores ... ... ... | ..... | ..... | 300 0 0 | |
| Nesbit Road Bridge Account ... ... ... | ..... | 20,039 8 9 | 568 12 0 | |
| Municipal Building Fund... | ..... | ..... | 798 0 0 | |
| New Drainage Works Loan Account ... ... ... | ..... | 16,474 15 3 | 1,33,912 6 0 | |
| Surface Drainage, Roads & other Sanitary Improvements Loan Accounts ..... | ..... | 37,591 11 0 | 89,895 3 11 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 3,09,200 0 0 | 3,42,020 10 6 | |
| Advances ... ... ... | ..... | 4,19,978 5 0 | 1,77,984 11 6 | |
| Deposits ... ... ... | ..... | 99,738 10 9 | 3,56,915 4 6 | |
| Rupees... | 47,57,050 0 0 | 29,31,720 6 7 | 35,47,736 10 4 | |
| Reserved for the Jubilee ... | 1,00,000 0 0 | ..... | ..... | |
| Closing Balance ... ... | 1,00,000 0 0 | 20,292 14 5 | 1,24,789 14 0 | |
| Total Rupees... | 49,57,050 0 0 | 29,52,013 5 0 | 36,72,526 8 4 | |

† Includes Rs. 6,37,498-13-7 and Rs. 10,57,674-1-2 paid to date on account of Tansa Water Works Loan, Tulsi and Bhundarwada Works and Tulsi and Vehar Water Works Extension.

LIST of additional grants sanctioned by the Municipal Corporation during the quarter ending 31st March 1888.

| Resolution No. | Date of Sanction. | Particulars. | Amount. |
|---|---|---|---|
| | | | Rs. a. p. |
| | 1887 | | |
| 1899 ..... | 22nd December. | Grant of Rs. 200, from surplus cash balance, to meet a charge which was inadvertently retrenched from the Petty Stores Contractor's bill for the supply of date-mats for the Cholera Hospital during 1885..... | 200 0 0 |
| | 1888 | | |
| 2024 ..... | 16th January.. | Grant of Rs. 5,000, from surplus cash balance, to provide for the cost of advertising and printing for the Town Council and Corporation Department, up to end of the current financial year ... | 5,000 0 0 |
| 2228 ..... | 13th February | Grant of Rs. 75 to meet the cost of printing 75 copies of the report of the Committee on the extension of Bombay ..... | 75 0 0 |
| 2472 ..... | 8th March ... | Grant of Rs. 6,000, from surplus cash balance, to meet net excess anticipated in the grants for commission payable to Port Trust and G. I. P. Ry. Company for Town Duty Collection up to the end of the present financial year ..... | 6,000 0 0 |
| | | Rs. ..... | 11,275 0 0 |

No. 2562 OF 1888-89.

BOMBAY, *12th May* 1888.

Forwarded to the Town Council for information.

F. L. CHARLES,
Acting Municipal Commissioner.

On the motion of Javerilal Umiashankar Yajnik, Esq.,
No. 1141. it was agreed that the return for the quarter ending 31st March 1888, showing the income and expenditure for the quarter, as compared with the corresponding quarter for the previous year, together with a list of the additional grants, sanctioned by the Corporation during the quarter, forwarded with the Acting Municipal Commissioner's memorandum No. 2562, dated 12th instant, be *recorded*.

At the request of the Acting Municipal Commissioner, the consideration of application for sanction to the serving of notice on Mr. Vithaldas Gopaldas, requiring him to raise the compound of his property at No. 398, Grant Road, was postponed.

On the application of the Acting Municipal Commis-
No. 1142. sioner, made in his memorandum No. 2833, dated 18th instant, sanction was given under Section 223 of the Municipal Acts III. of 1872 and IV. of 1878, to the serving of notice on Manekbai, requiring her to clean out the well attached to her house at No. 3, Hansraj Lane.

On the application of the Acting Municipal Commis-
No. 1143. sioner, made in his memorandum No. 2789, dated 17th instant, sanction was given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of Rs. 17-4-0 per mensem, from 17th to 29th April 1888, and from 5th instant, for special halalkhor service rendered to new chawl at Currey Road owned by Mr. Mungaldas Tapidas.

Considered memorandum No. 1109, dated 18th instant, from the Clerk and Secretary, forwarding for favor of remarks—as per Corporation's Resolution, dated 12th December 1887—petition, dated 17th instant, from Mr. Bapuji Wasudeoji, relative to the valuation in respect of his property at No. 62-64, Kitchen Garden Street.

*Resolved* : That the Corporation be informed that the
No. 1144. matter referred to in the petition is one which is entirely within the province of the Municipal Commissioner.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 21st May 1888.*

* *See* **Appendix B.**

Reports of the E, F, & G Police Divisions of fires (*a*) in a jaolee hut at Sankli Tank Road, on the 10th instant: damage amounted to Rs. 10; (*b*) in a quantity of grass stored at Coliwada, Warli, on the 13th idem: damage Rs. 150.

It was agreed that the Progress Report, up to the end of April 1888, of Tansa Works, be printed and circulated.

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BOMBAY, 30*th May* 1888.

AT the regular meeting of the Town Council held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES Esq. C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meeting held on the 23rd instant, were signed.

No. 1235.—The consideration of application for the taking up of 62·95 square yards, or thereabout, of ground required for the improvement of Ghoga and Kavasjee Patel Streets, was deferred in order to allow of the Acting Municipal Commissioner's enquiring whether it will be most advantageous to the Municipality to take up the whole of Mr. Pestonjee Furdoonjee Boomla's land thereat, or only the portion measuring as above.*

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets:—

No. 1236.—6·45 square yards, or thereabout, at Nos. 643-647, Dongri Street, at the rate of Rs. 45 per square yard. (In this case, the application for permission to rebuild is made by Mr. Ebrahim Vullee.)

No. 1237.—33·33 square yards, or thereabout, at Currey Road, at the rate of Re. 1 per square yard. (In this case, the application for permission to build is made by Messrs. Liladhar Kallianji and Hujramull Hurji.)

No. 1238.—1·83 square yards, or thereabout, at Nos. 138-140, Kamathipura 13th Street, at the rate of

* The Acting Executive Engineer in his letter to the Acting Municipal Commissioner, No. 2002B, dated 23rd instant, begs to point out that this is rather a hard case to the owner, as the land, that will be left after the set-back is made, will be only 10 feet in width.

Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Mr. Dosaji Vuliji.)

Considered the following :—

*Report of the Committee of the Town Council, on the question of the alleged leakage of Malabar Hill Reservoir.*

THE Committee, appointed as per margin, at the meeting of the Town Council, held on the 9th instant, have the honour to forward herewith copy of letter from the Acting Municipal Commissioner, regarding the leakage from the Malabar Hill Reservoir, and to report that they entirely agree with the conclusions arrived at by him, and with his recommendations. The Committee are of opinion that the sinking of trial pits to ascertain whether there is leakage from the walls estimated to cost Rs. 2,500, should be carried out at once.

"That, with a view to allay public anxiety in the matter of the alleged leakage of the Malabar Hill Reservoir and having regard to the fact that the present time, that is to say, the period between this and the burst of the next monsoon, is most suitable for enquiry, the Acting Municipal Commissioner, in conjunction with Colonel Merewether, Sir Henry Morland and Surgeon-Major Waters, be asked to furnish the Town Council with specific information on the following points :—(A) How is the present unusually large overflow of water from the two sides of the Malabar Hill Reservoir (the Back Bay and the Nepean Sea Road side) into the sea, especially at this season of the year, to be accounted for? (B) Whether the circumstance is due to one or other of the following causes or to their combined action :—(*a*) The existence of natural springs on the hill ; (*b*) The existence of any fissure or fissures in any of the walls of the Reservoir, through which water finds its way ; (*c*) The nature of the stone used in the construction of the Reservoir ; (*d*) Defects in the construction of the Reservoir ; or (*e*) The theory that the rainfall of Bombay during the last and preceding years is 24 per cent. over the average." No. 1038.

That, in the event of the walls *not* showing signs of leakage, the further recommendations made by the Commissioner should be acted on as soon as practicable. That should the walls show signs of leakage, then it will be necessary to report further on the subject.

MUNICIPAL OFFICE ;
*Bombay, 28th May* 1888.

G. MEREWETHER,
HENRY MORLAND,
GEO. WATERS.

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No. 3349 of 1888-89.

BOMBAY, *26th May* 1888.

To THE SECRETARY, TOWN COUNCIL.

SIR,—I have the honour to forward my report on the condition of the Malabar Hill Reservoir, with accompaniments, and to request that you will call a meeting of the Sub-Committee of the Town Council, *viz.* : Sir H. Morland, Colonel Merewether, and Dr. Waters—with a view to its being discussed by them.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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MEMO.—When the question of the leakage from the Malabar Hill Reservoir was first discussed, I informed the Town Council that all the available evidence pointed to the fact that springs of water had existed on both sides of Malabar Hill before the construction of the Reservoir, and that, therefore, it could not be argued that the water now seen at

Chowpati and Nepean Sea Road, was entirely due to leakage from the Reservoir, and I also said that so far as concerned any excess now visible over the quantity of water which formerly flowed from the Hill, I thought it was so small as to be not worth special notice.

2. Since then, in reply to a circular sent with a view to elicit information from a large number of gentlemen who had special means of knowing the true facts, either from their having lived for years near the locality, or from their having had special opportunities of noting the state of the water flow, I have received many letters which I append to this memo., and which very distinctly prove the following :—

(1) There was always water both on the Nepean Sea Road side and on the Chowpati side of Malabar Hill.

(2) The flow on the Nepean Sea Road side has not materially increased since the formation of the Reservoir.

(3) The flow on the Chowpati side has probably increased to some extent, some gentlemen stating that it has not in their opinion increased at all, whilst others say that it has.

3. So far, therefore, as concerns the water flow which is visible, and were no other information available, I should still have been of the same opinion as before, *i.e.*, that the leakage as judged by the outflow at Chowpati and Nepean Sea Road was not worth noting.

4. But at the same time I informed the Town Council that orders had been given to test the leakage by special gaugings inside the Reservoir as well as on the Hill side, and that I would inform the Council of the result at the end of May. These gaugings have been very carefully taken by Mr. Tomlinson, and they have revealed the fact that the quantity of water seen at Chowpati and Nepean Sea Road falls very far short of the total quantity the Reservoir actually loses day by day by leakage, the gaugings inside the Reservoir showing approximately a loss of $\frac{1}{4}$ of a million gallons per day.

5. This information of course entirely changes the whole aspect of the case, and shows that a large quantity of water must be running through the Hill into the sea out of sight, the loss shown by the gauging inside the Reservoir is more than three times as great as the water flowing out of the Hill at Chowpati and Nepean Sea Road taken together.

6. Mr. Tomlinson has submitted a very careful report on the construction of the Reservoir, and I do not therefore propose to write at length on the subject. The matter is one of so much importance that I thought it best to consult all the Engineers of the Municipality in Bombay, and therefore I discussed the whole matter very fully with Messrs. Clerke, Smith and Tomlinson, and I have also read the papers on the subject of the enquiry into the quality of the stone used.

7. *Stone used in building the Reservoir.*—This question was very fully investigated in 1879 and 1880. It appears from a report, dated 10th November 1879, of Mr. Forde, late Consulting Engineer, to whom the question was referred, that the walls of the Reservoir were faced throughout with Sewri stone to a depth of 9 inches, and that the heart of the wall behind this facing was chiefly built of Malabar Hill stone, blasted from the rock during the excavations. The walls are 4′ 8″ thick at the top and 15′ at the bottom. Mr. Forde's remark was "a wall built of Sewri stone would

be stronger than one built of Malabar Hill stone" but he nowhere advocated either the rebuilding of the Reservoir, or any change in, or addition to, the work as completed. On the question of this use of the backing of Malabar Hill stone behind a facing of Sewri stone as affecting leakage, I append a memo. which Mr. Clerke, Executive Engineer, Tansa Works, has been kind enough to write at my request. As this is a purely engineering matter, I prefer to place Mr. Clerke's opinion before the Town Council, instead of stating my own.

It will be seen that Mr. Clerke does not consider that the stone used has anything to do with the leakage, and that the latter takes place through the floor and not through the walls.

8. All the Engineers are agreed that the stone used has nothing to do with the leakage. The walls are 15′ thick at the bottom and Mr. Tomlinson points out that when recently he had to open the wall to insert an outlet pipe, he found the work of excellent quality.

9. The three Engineers are also agreed that the leakage must be due to the floor, and I think there can be no doubt that this is the case.

The floor was not originally designed to carry the roof, and Mr. Walton, as appears from the correspondence, protested against the omission of certain measures which he recommended, to fit the floor for the altered conditions, it having to be cut up to allow of the erection of the 269 pillars and 136 piers carrying the roof.

Mr. Walton's recommendations were overruled by Mr. Forde, late Consulting Engineer, on the score of expense.

Mr. Walton thereupon wrote, on 14th May 1880, a curiously true forecast of what has subsequently taken place.

A copy of the correspondence will be found in Mr. Tomlinson's para. 25.

10. The present floor consists of 18 inches of lime concrete resting partly on rock and partly on packing.

Under Mr. Forde's advice it was not covered with any skin of cement, and as abovementioned, it was disturbed three years after it was laid down, for the foundations of the 269 pillars and 136 piers which support the roof, the roof itself not being part of the original design. I therefore concur with the Engineers in thinking that the leakage is due to the disturbance of the floor, the pressure of water there being about 8 lbs. to the square inch when the Reservoir is full.

11. The most important questions connected with the case are of course the following, *viz.* :—

(1) should measures now be taken to stop the leakage so far as possible ; and

(2) what is the best way of stopping it ?

12. The annual value of the water lost is computed at Rs. 22,812 at annas 4 per 1,000 gallons. Any expenditure on interest of capital spent on repairing the leakage would therefore be justified, if it were less than this sum, and fortunately the interest charge necessary will only amount at most to about one-third of Rs. 22,812, or about Rs. 7,500, so that there can be no question as to the justification of expenditure.

13. The Engineers all agree in saying that the safety of the Reservoir is not in any way affected, and that the leakage will not materially increase, being probably now at its maximum. They,

however, concur in advising that remedial measures should be undertaken at an early date with a view to save the water.

Unfortunately the different portions of the Reservoir must be emptied while the work goes on, and it will take a year to complete.

Any inconvenience to the public will be, however, much diminished by the laying of the 27″ Tansa main now being carried out along Arthur Road, this work enabling the water from the Vehar 24″ main to be sent into the Tulsi district, and also enabling the Tulsi water to be sent direct to the town without rising to Malabar Hill.

14. Lastly as to the measures to be adopted. Messrs. Clerke and Tomlinson both think the floor should be covered with a layer of cement concrete, but they differ as to the thickness, Mr. Tomlinson advising 9″, whereas Mr. Clerke thinks 6″ enough.

Mr. Clerke would plaster a skin ½ inch thick of pure cement over his 6″ of cement concrete, whereas Mr. Tomlinson would rest content with 9″ of cement concrete alone without a skin of pure cement. Mr. Smith differs from both Messrs. Clerke and Tomlinson as to the necessity for a layer of concrete and would merely coat the present floor with a layer of pure cement 1 inch thick. This last proposal has the merit of simplicity and cheapness, as the cost would be about Rs. 64,000 as against Mr. Clerke's Rs. 1,12,000 and Mr. Tomlinson's Rs. 1,25,000.

I do not, however, think Mr. Smith's proposal would be a safe one to adopt. A very slight disturbance in the way of settling, &c., might affect a skin only 1″ thick and the floor would then become again defective. I think a heavier layer of material is certainly necessary, and as both Messrs. Clerke and Tomlinson, who are specialists in water works, consider a layer of cement concrete necessary, I have no hesitation in recommending the adoption of this remedy.

Further, considering the disturbance the present floor has undergone in being broken up to allow of the erection of 269 pillars, I am inclined to agree with Mr. Tomlinson and to recommend the greater depth of concrete which he advises, *viz*:—9 inches as against Mr. Clerke's 6 inches.

This would make the entire thickness of the concrete on the floor 2′ 3″, which is not more than many Engineers would consider necessary to bear 19 feet of water, considering that the floor rests partly on rock and partly only on packing.

15. The only other matter is the sinking of trial pits outside the walls, to see if any leakage can be detected there. This would only cost Rs. 2,500, and I think should be at once sanctioned.

F. L. CHARLES,
Acting Municipal Commissioner.

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No. 254 of 1888-89.

Bombay, 18*th May* 1888.

To the MUNICIPAL COMMISSIONER.

Sir,—As requested, I have the honour to give you below my opinion on the use of stone of the Malabar Hill quality in reservoir walls as affecting leakage. Malabar Hill stone is a columnar basalt of a finely crystaline character. It is very hard, it is not affected by the weather,

and it is practically non-absorbent of water. It is not suitable for ashlar, or dressed work, as the difficulty of dressing it is great. It has a vitrous fracture which mortar does not adhere to so quickly as it does to the more coarsely crystaline basalts or traps such as Sewri stone. I have found that, after a time, the adhesion between the surface of this class of stone and the mortar is very strong, and it is a difficult thing to take to pieces a mass of uncoursed rubble masonry composed of it. I see no reason why a wall of uncoursed rubble masonry built of it, if of suitable dimensions and well put together, should be leaky, nor in my opinion does a facing of stone such as Sewri improve its qualities in this respect. In my opinion the escape of water from the Reservoir is not due to leakage through the walls, and the general condition of the ground in the neighbourhood of the reservoir tends to confirm this opinion; whatever leakage there may be is, I believe, through the floor, as a whole, or at its junction with the walls, or possibly with the several pillars which were erected after the construction of the reservoir when it was determined to cover it in. The stratum underlying the reservoir, though strong and practically unyielding as a foundation, is not itself watertight, as in such a formation there are numerous joints or fissures which easily admit of the escape of water.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That the Corporation be recommended to sanction the grant of Rs. 2,500, from Surplus Cash Balance (to be adjusted hereafter to loan account), to provide for the cost of sinking trial pits outside the walls of the Malabar Hill Reservoir with the view to ascertaining whether there is leakage from the walls.

"That, in the event of the walls not showing signs of leakage (and subject to the sanction of the Government of India to the raising of the necessary loan), the Corporation be further recommended to sanction the grant of Rs. 1,25,000, to meet the expense of coveiing the whole of the bed of the reservoir with a layer of nine inches of cement concrete."

*Amendment*, moved by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Corporation be recommended to sanction the outlay of Rs. 2,500, to provide for the cost of sinking trial pits outside the walls of the Malabar Hill Reservoir, to ascertain whether there is leakage from the walls.

"That the consideration of the proposal to refloor the reservoir be postponed until Mr. Tomlinson's report has been circulated to the Council."

After discussion, Colonel Merewether *withdrew* the second paragraph of his proposal and accepted a *rider* proposed by Mr. Muncherjee Nowrojee Banajee as follows:—

"That the report of Mr. Tomlinson be printed and circulated, and that the question be brought on for further consideration when the report as to the leakage from the walls is ready."

Thereupon the amendment was *withdrawn*, and the motion was put to the vote as follows:—

"That the Corporation be recommended to sanction the grant of Rs. 2,500, from Surplus Cash Balance, (to be adjusted hereafter to loan account), to provide for the cost of sinking trial pits outside the walls of the Malabar Hill Reservoir with the view to ascertaining whether there is leakage from the walls.

No. 1239.

"That the report of Mr. Tomlinson, dated 28th instant, be printed and circulated, and that the question be brought on for further consideration when the report as to the leakage from the walls is ready."

*Carried unanimously.*

Considered memorandum No. 3487, dated this day, from the Acting Municipal Commissioner, asking the Council's sanction to the acceptance of Messrs. George Gahagan & Co.'s tender for the supply of cast-iron stanchions.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That sanction be given to the acceptance, by the Acting Municipal Commissioner, of the tender of Messrs. G. Gahagan & Co., for the supply of 753 cwts., or thereabout, of cast-iron stanchions, required for the extension of the Erskine Road markets, at Rs. 4-8 per cwt.

No. 1240.

"That the Council dispense with the invitation for tenders for the supply which would otherwise be necessary by reason of the urgent necessity for obtaining the ironwork forthwith.

"That, in the opinion of the Council, tenders for supplies of this sort, except in particular cases, should be invited by advertisement."*

*The last paragraph was added on the suggestion of the seconder of the motion.

*Amendment*, proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the ironwork required for the extension of the Erskine Road markets be advertised for in the newspapers."

*Withdrawn.*

The original motion was *carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 1241. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 3171, dated 25th instant, sanction be given to the demolition of such portion of house at Nos. 132-134, Pakmodia Street, the property of Mr. Meerali Mahomed, as stands on the ground to be taken up by the Municipality for street improvement.

"That sanction be given to the taking up of the ground in question, 6·56 square yards, or thereabout, at Rs. 25 per yard."

*Carried.*

No. 1242. *Resolved:* That, as requested by the Acting Municipal Commissioner in his memorandum No. 3044, dated 22nd instant, the Town Council cancel their Resolutions Nos. 1870 and 2244, dated 21st December 1887 and 8th February 1888, sanctioning the taking up of ground at Cleveland Road, Warli, the property of Mrs. Roza Luis and of Mr. D. Mendoça, respectively.

That sanction be given to the setting forward of Mrs. Luis's property for improving the line of the Cleveland Road, and to the sale to her of 2·23 square yards, or thereabout, of Municipal land now adjoining and fronting the said property, at As. 8 per yard.

That sanction be also given to the taking up of 2·85 square yards of land, or thereabout, from the said property of Mrs. Luis, at the same rate, for improving the line of the road thereat.

Read letter, dated 28th instant, from Mr. Dadaji Atmaram, objecting to the rate of Rs. 50 per square yard fixed for the land taken up from him for the improvement of Kalbadevi Road; and asking that he may be paid a higher rate.

No. 1243. *Resolved :* That the rate fixed for the land taken up from Mr. Dadaji Atmaram, for the improvement of Kalbadevi Road, be increased from Rs. 50 to Rs. 60 per square yard, and that the applicant be informed, in reply to his letter of the 28th instant, accordingly.

No. 1244. Read and *recorded* memorandum No. 3248, dated 26th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following sales :—

| Sales, &c. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| | | | | | Rs. a. p. |
| Amount recovered from a lad who robbed 13 mangoes from Bazar Gate Garden during May 1888. | .... | .... | .... | .... | 0 5 0 |
| 7 Cart-loads manure at Re. 1 per cart-load. | Municipality... | Mr. Cowasjee Dady Limjee. | .... | May 1888 .. | 7 0 0 |
| 2 do. do. | Do. | Mr. H. A. Bren. | .... | Do .. | 2 0 0 |
| 2 Horses of Fire Brigade.... | Do. | Messrs. Bennett & Co. | .... | Do. .. | 86 7 3 |

No. 1245. *Resolved :* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 3045, dated 22nd instant, sanction be given to the continuance of the additional conveyance allowance of Rs. 50 per mensem to Mr. Bragg, Inspector, Kamathipura Drainage Works, *vide* Town Council's Resolution No. 1474, dated 2nd November 1887. The charge to be met from the salary of the third Sub-Inspector to be engaged at Rs. 50 per mensem, sanctioned by the Town Council in their Resolution No. 2627, dated 22nd March 1888.

Considered letter No. 3882 of 1888-89, dated 15th instant, from the Assessor and Collector, to the Acting Municipal Commissioner :—

SIR,—With reference to your No. 17706 of 1887-88, I have the honor to forward herewith a statement showing the tax payable by the different Fire Insurance Companies to the Municipality for the year 1888-89.

2. It is framed on the principle laid down by the late Municipal Commissioner, Mr. Pedder, and approved by the Town Council in 1874, *viz.*, 5 per cent. has been charged on the actual premia earned by the Companies. In cases where such percentage exceeds Rs. 1,000 for the year the maximum rate, and in cases where the percentage is less than Rs. 500, the minimum rate is charged.

3. The total amount assessed for 1888-89 is Rs. 34,458 against Rs. 35,126 for 1887-88. The budget estimate for this source of revenue for the current financial year is Rs. 32,000.

4. As the Royal Insurance Company and Phœnix Fire Office of London did not send their returns, they have been charged the maximum rate, as per your order No. 17706 of 1887-88.

5. As the China Fire Insurance Company have closed their business from 4th August 1887, it is not assessed for 1888-89 as per Commissioner's No. 8571 of 1887-88.

6. Instructions are requested as to the National Fire Insurance Company (Messrs. Beyts, Craig and Co., Agents), which returns its premia at Rs. 73-11-1 (net) for the year ended 31st December last; and as to the Scottish Union and National Fire Insurance Company (Messrs. Latham, Abercrombie & Co.,), the premia of which is returned at Rs. 31-4 for the same period.—I have, &c., R. P. BRUNTON, Assessor and Collector.

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the tax on Fire Insurance Companies carrying on business in Bombay, or having agencies for such purposes payable under section 122 of the Municipal Acts of 1872 and 1878, for the year 1888-89, be levied at the rates and figures shown in the return forwarded to the Town Council with the Acting Municipal Commissioner's memorandum No. 3143, dated 23rd instant, and at the estimated total of Rs. 34,458."

No. 1246.

*Carried.*

Read letter No. 3231, dated 26th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—Under Section 27 of the Municipal Act, I have the honour to request the sanction of the Town Council to the employment of the following staff for the Museum, as the establishment was not shown separately in the current year's budget.

The staff is the same as that employed by Government when the museum was in their charge.

Their wages will be met from the contribution allowed by Government from the Police Grant.

1 Secretary and Curator, Rs. 200 per mensem; 1 Office Assistant, Rs. 75 per mensem; 1 Museum Assistant, Rs. 50 per mensem; 1 Taxidermist, Rs. 30 per mensem; 1 Skinner, Rs. 15 per mensem; 2 Ramosies at Rs. 11, Rs. 22 per mensem; 4 peons at Rs. 10, Rs. 40 per mensem; 2 peons at Rs. 9, Rs. 18 per mensem; Total Rs. 450.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That sanction be given to the employment of staff for the Victoria and Albert Museum for the current year, at a cost of Rs. 450 per mensem

No. 1247.

to the debit of the budget grant for the museum as per the scale of pay shown in letter No. 3231, dated 26th instant, from the Acting Municipal Commissioner."

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 1248. "That, as recommended by the Acting Municipal Commissioner, in his letter No. 3253, dated 26th instant, the Corporation be recommended to sanction the expenditure of Rs. 220-11-7, from Surplus Cash Balance, to meet the cost of completing the connection between the water main and the Sir George Legrand Jacob Memorial Fountain."

*Carried.*

Read letter No. 3481, dated 29th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I wish to improve the watching of the Arthur Crawford Markets at night, so that no repetition of the recent fire may be possible.

2. The Commissioner of Police has advised me that 7 Ramosies are necessary for the efficient watching of the premises, allowing for shifts of 3 hours each at a time, so that the men may remain on the alert the whole time they are on duty.

The cost of this will be Rs. 77 per mensem, or Rs. 924 per annum.

In order to provide the Rs. 770 necessary for the remainder of the year—10 months, I have the honor to request that the following transfers may be made :—

LIGHTING.—Section II, Gas Lighting, A, Streets—Budget Grant for March and April 1888, Rs. 45,186 ; Expenditure Rs. 44,339 ; saving total Rs. 847. Section III, Kerosine-oil lighting—B, Moiety of Lighting the Rajabai Clock Tower—Budget Grant for March and April 1888, Rs. 160 ; total saving Rs. 1,007.,—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 1249. *Resolved* : That sanction be given to the transfer of Rs. 770, from savings in Section II, Gas Lighting, A, Streets and Bandars, and III, Kerosine-oil Lighting, B, Moiety of Lighting the Rajabai Clock Tower, Public Lighting Branch, Engineer's Budget, to Section III, Labour, Markets and Slaughter Houses, Health Department Budget, to meet the cost of 7 Ramosies for watching in the Crawford Markets at night for 10 months.

Read the following:—

BOMBAY, *5th May* 1888.

TO THE CHAIRMAN AND THE MEMBERS OF THE
TOWN COUNCIL, BOMBAY.

GENTLEMEN,—As applications, similar to the copy herein enclosed were several times addressed to the Municipal Commissioner, praying for the better supply of water, met with no consideration from that office, we humbly beg to place the matter before you with a fervent hope that you will take such steps as may be deemed expedient by you.

2. We need hardly further dwell on the hardship brought to the notice of the Commissioner, seeing that that officer did not take any notice of the reasonable complaint made to him, we requested one of the residents of the locality and a member of the Corporation, Mr. Bomanjee Pestonjee Master to represent this matter personally to the Commissioner. Mr. Bomanjee acceded to our request and explained the hardship both to the Commissioner and to the Executive Engineer who expressed their inability to do anything in this matter.

We therefore finally appeal to you. Though, as representatives of the tax-payers, we have full confidence that you will do your duty, yet by making a move in this particular matter, you will oblige the residents of the three streets named in the enclosed copy of application.—We have, &c.,

N. BYRAMJI FORBES,
NASSERWANJI FRAMJI GUGEST,
(and 61 others.)

Read letter No. 3482, dated 30th May 1888, from the Municipal Commissioner, to the Chairman :—

SIR,—I have the honour to return the petition, dated 5th May, from certain inhabitants of Mr. Bomanji Master's neighbourhood with the following remarks :—

2. The question is purely one of executive detail. The Water Works Department have to consider how to supply the greatest possible number of people with the available supply of water.

3. In carrying out this principle, the Water Works Department has this year supplied to that district taken as a whole about a million of gallons a day more than in previous years, and has further increased the number of hours during which water is available to 85 per cent. of the population who live in the first three storeys of houses (ground floor, first floor, and 2nd floor) from 7 hours per diem last year to 12 hours this year, and included in this extra supply are of course Mills, Docks, Roads, Railways and Fires, water for all of which is drawn at ground level.

4. But in order to effect this improvement giving extra comfort to 85 per cent. of the population, or say, to 7,00,000 people for 5 more hours each day, it is quite true that the 4th, 5th and 6th floors of tall houses (which form, taken together, about 15 per cent. of the inhabited area), do not now get as good pressure as before. This is not on account of the change of hours, but because so many more people now draw water during the usual hours that the available quantity is consumed before it can rise to these highest floors.

5. The floor of Mr. Bomanjee Master's room is only 10' below that of the Bhandarwada Reservoir.

Persons who are fortunate enough to live in lofty houses raised far above the mass of the population below, cannot reasonably expect to have the supply to the great majority of the people who live in smaller houses, curtailed, in order that a high pressure may be maintained for the few who live at a great height.

6. And yet this was the arrangement in force previously. The pressure in Mr. Bomanjee Master's room, four storeys high, could only be increased by reducing the hours of supply again from 12 per diem to 6 or 7.

7. As to the unusual hour of 4 a.m.—As above explained, the reason why Mr. Bomanjee gets water then, is, that few persons are drawing then. If the supply began at 6 instead of 4 a.m., he would (most probably) get none at all, because the whole of the inhabitants require water then, and the pressure would be reduced even below what it is now at that hour. The extent to which people avail themselves of the water, is shown by the pressure gaugings, as follows:—From 4 to 5 A.M., 25 lbs.; from 5 to 6 A.M., 20 lbs.; from 6 to 7 A.M., 9 lbs.; from 7 to 9 A.M., 8 lbs.; from 9 to 10 A.M., 11 lbs. From this it is clear that no water could rise to the higher storeys after 6 A.M. The pressure necessary for a supply to the 4th storey is 20 to 22 lbs. Similarly in the evening—from 4 to 6 P.M., 11 lbs.; from 6 to 7 P.M., 13 lbs.; from 7 to 8 P.M., 15 lbs.; from 8 to 9 P.M., 17 lbs.; from 9 to 10 P.M., 20 to 25 lbs. (6 hours.)

8. The laying of the 27″ main now in progress in Arthur Road and which will be finished in 3 or 4 months, will most probably give some relief; but no real improvement can be hoped for till the arrival of the Tansa Water.

9. Till then, if the dwellers in the highest storeys object to draw water at 4 a.m., their only plan is to carry the water upstairs from the lower floors, as is now done without a murmur by the inhabitants of all the upper-storeyed houses on Nowroji Hill, who have never had any water except on the ground floors.

The present arrangement appears on the whole to give greater satisfaction than the old one, as the number of complaints received in this hot weather is very decidedly less than that received last year.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 1250. "That Messrs. N. Byramjee Forbes, Nusserwanjee Framjee Gugest, Bomonjee Limjeebhoy Mehta, and other inhabitants of Dhunjee Doongria, Mirza, and Agiary Streets, be furnished with a copy of the Acting Municipal Commissioner's letter No. 3482, dated this day, and informed that the Town Council regret it is not in their power at present to comply with the request made by the applicants."

*Carried.*

Considered the following :—

*Annual Administration Reports of the Bombay City and Mofussil Municipalities for the year* 1886-87.

No. 1278 OF 1888.

GENERAL DEPARTMENT.

Bombay Castle, 26th April 1888.

Letter from the Municipal Commissioner for the City of Bombay, No. 11426, dated 9th November 1887—Submitting 36 copies of his Annual Administration Report for the year 1886-87, with accompaniments.

Letter from the Acting Commissioner in Sind, No. 1450, dated 31st October 1887.
Letter from the Commissioner, S. D., No. P.—1153, dated 17th November 1887.
Letter from the Commissioner, N. D., No. 1460, dated 15th November 1887.
Letter from the Commissioner, C. D., No. P.—1801, dated 6th December 1887.
} Submitting with their remarks the Administration Reports of the Collectors and Presidents of Municipalities in their respective divisions for the year 1886-87.

Memorandum from the Acting Municipal Commissioner for the City of Bombay, No. 12183, dated 22nd November 1887—Forwarding for information copy of a letter No. 1544, dated 14th idem, from the Clerk, Municipal Corporation, and Secretary, Town Council ; who states that at an adjourned special meeting of the Municipal Corporation held on the 14th November 1887, the following Resolution was passed :—

"That the Administration Report of the Acting Municipal Commissioner of Bombay for the year 1886-87, together with the 'Review' thereof by the Town Council and the Report of the Auditors to the Corporation for the same period, be adopted and published for general information."

Memorandum from the Commissioner, C. D., No. P.—1866, dated 14th December 1887—Forwarding, in continuation of his letter No. P.—1801, dated 6th idem, a statement showing the number and result of Municipal cases disposed of by the Magistrates in the Western Division of the Poona District.

Memorandum from the Commissioner, S. D., No. P.—1300, dated 26th December 1887—Forwarding two printed copies of the Municipal Administration Reports of the Southern Division for 1886-87.

Letter from the Commissioner, C. D., No. P.—108, dated 18th January 1888.

Memorandum from the Commissioner, S. D., No. P.—261, dated 12th March 1888—Submitting, with reference to his letter No. P.—1153, dated 17th November 1887, a letter No. 914, dated 3rd March 1888, from the Collector of Ratnagiri, who reports that there are no bye-laws in force in any of the Municipalities of his district under which fines are levied for non-payment of house-tax, wheel-tax, conservancy cess, &c., but such fines have been levied by Magistrates under Section 49, Clause (*i*) of Act II of 1884.

Memorandum from the Commissioner, S. D., No.—45, dated 14th January 1888—Forwarding, with reference to his letter No. P.—1153, dated 17th November 1887, a letter No. 39, dated 5th January 1888, from the Collector of Ratnagiri, who submits the ex-

planation of the Vice-President of the Rajapur Municipality regarding the delay in the collection of house-tax for 1886-87 owing to the non-preparation of the registers; and observing that the explanation offered by the Municipality is not satisfactory.

Memorandum from the Commissioner, S. D., No. P.—80, dated 30th January 1888—Submitting, with reference to paragraphs 58 and 66 of his letter No. P.—1153, dated 17th November 1887, a letter No. 215, dated 16th January 1888, from the Collector of Ratnagiri, regarding the recovery of outstanding balances by the Municipalities of Ratnagiri and Chiplun and the reduction to 8 annas of the minimum amount of refunds of octroi by the Municipalities of Vengurla, Rajapur and Chiplun.

RESOLUTION.—The number of Municipalities remained the same as in the previous year in the Northern Division, but in the Central Division the Municipality of Talegaon Dhamdhera, in the Southern that of Kaladgi, and in Sind those of Dadu, Moru and Nagar, were abolished. In the boundaries of municipal towns the changes made were few and unimportant.

2. All the Municipalities in Sind and in the Northern and Southern Divisions, except some temporary Municipalities in the latter, held the prescribed quarterly general meetings; but 9 in the Central Division failed to do so, and in the case of 3 others no information is given. As regards the attendance at meetings the Commissioner, C. D., in paragraph 9 of his report, mentions certain cases of default and omissions to which he has drawn the attention of the Presidents of the Municipalities concerned. It is presumed that the other Commissioners have in similar cases adopted the same course.

3. In Bombay City, with a view to meet part of the interest on the Tansa loan of 123 lakhs, the consolidated rate was increased from 8 to 8¾ per cent., octroi rates on grain, ghee and sugar were enhanced, and a new duty was imposed on petroleum during the year under review.

4. In the Sind Municipalities no change in direct taxation was made during the year. Among the more important of the few changes effected in the Mofussil Municipalities of the Presidency proper were the imposition of a house-tax at Sanand, a wheel-tax at Godhra, Dohad, Jalgaon, Erandol and Malegaon, and a conservancy cess at Dohad; and the enhancement of the existing house-tax in the towns noted in the margin, of the wheel-tax at Ahmedabad, and of the conservancy cess at Viramgam, Igatpuri and Uran. The Commissioner, S. D., mentions in paragraph 19 of his report a most unsatisfactory delay in the levy of the house-tax sanctioned for Hubli in the previous year.

| | |
|---|---|
| Amalner. | Pusesavli. |
| Dharangaon. | Vita. |
| Mahasvad. | Dapoli. |
| Maini. | Bhiwndi. |

5. In octroi taxation, on the other hand, numerous changes were made in the Mofussil Municipalities, more especially those of Sind, which consisted, for the most part, of the elimination from the schedules of articles, to the imposition of taxation on which objection existed, and the adoption or revision of refund rules. To these changes, which are fully described by the Commissioners, a detailed reference is here unnecessary, as the submission of the quarterly reports, ordered in Government Resolution No. 1975, dated 28th May 1885, has placed Government in possession of information of a later date than that now given, and orders on the subject have already been

passed. The attention, however, of the Commissioners, C. D., and S. D., should be drawn again to the Government Resolutions mentioned in the margin, in which they were requested to take steps forthwith to secure the removal from the schedules of the Municipalities in their Divisions of certain articles on which the levy of octroi duties was undesirable, and to report the cases of the Municipalities which did not promptly comply with the directions given them. Government have as yet received little information as to what has been done, and complete information on the point should be submitted before the 1st June next. The Municipalities concerned should be informed that their schedules, if not satisfactorily revised by that date, will be revised by Government, and that the duties objected to may be forthwith abolished.

No. 1076, dated 4th April 1887, No. 2403, dated 16th August 1887.

6. The large extent to which octroi acted as a transit duty during the year under review is clear from Statement III appended to each of the Commissioners' reports, and from the summaries prepared by the Commissioners of the Northern, Central and Southern Divisions of cases in which the deduced average consumption of taxed articles much exceeded the standards fixed by Government. A few of the more striking cases in these divisions and also in Sind are given in the following statement. The excess over the standard is still more striking in the case of oil and oil-seeds, but the instances are too numerous to be separately shown here :—

| Municipality. | Article. | Deduced average consumption. | Standard. |
|---|---|---|---|
| | | Mds. s. t. | |
| Bijapur ... ... ... | Grain... ... ... | 30 25 0 | 7 maunds. |
| Athni ... ... ... | Sugar... ... ... | 3 7 33 | 21 sers. |
| Nipani ... ... ... | „ ... ... ... | 3 12 0 | |
| | | Rs. a. p. | |
| Kumta ... ... ... | Drugs, Gums and Spices... | 18 12 1 | |
| Vengurla ... ... ... | „ „ ... | 14 10 9 | Rs. 2. |
| Chiplun ... ... ... | „ „ ... | 69 9 1 | |
| Sukkur ... ... ... | „ „ ... | 21 15 6 | |
| | | Mds. s. t. | |
| Anklesvar ... ... ... | Tobacco ... ... | 1 21 44 | |
| Poona ... ... ... | „ ... ... | 2 0 0 | |
| Vengurla ... ... ... | „ ... ... | 0 19 62 | 4 to 5 sers. |
| Chiplun ... ... ... | „ ... ... | 0 37 18 | |
| Mahad ... ... ... | „ ... ... | 0 32 56 | |
| Bubak ... ... ... | „ ... ... | 0 39 9 | |
| | | Rs. a. p. | |
| Dakor ... ... ... | Cloth ... ... ... | 36 8 2 | |
| Belgaum ... ... ... | „ ... ... ... | 33 7 7 | |
| Nipani ... ... ... | „ ... ... ... | 27 1 2 | Rs. 8. |
| Athni ... ... ... | „ ... ... ... | 24 10 5 | |
| Vengurla ... ... ... | „ ... ... ... | 42 9 5 | |
| Jalgaon ... ... ... | „ ... ... ... | 29 2 1 | |
| Karmala ... ... ... | „ ... ... ... | 26 5 2 | Rs. 5 to 7½ |
| Keti Bandar ... ... | „ ... ... ... | 24 0 6 | |
| Tando Muhammad Khan... | „ ... ... ... | 36 12 8 | |
| Hala ... ... ... ... | „ ... ... ... | 26 7 5 | |
| Tando Alahyar ... ... | „ ... ... ... | 36 5 11 | Rs. 6. |
| Tando Adam ... ... | „ ... ... ... | 45 8 5 | |
| Larkhana ... ... ... | „ ... ... ... | 24 7 10 | |
| Kambar ... ... ... | „ ... ... ... | 25 2 11 | |
| Shikarpur ... ... ... | „ ... ... ... | 51 9 10 | Rs. 12. |
| Sukkur ... ... ... | „ ... ... ... | 80 7 0 | |

7. The adoption or revision of refund rules mentioned in the present reports, together with the improvements effected since the close of the year under review, will, it may be hoped, remedy to a certain extent this unsatisfactory state of things; and more may be expected to result from the general adoption of the refund rules which a committee of the Commissioners of Divisions was directed in Government Resolution No. 2403, dated 16th August 1887, to prepare and which Government are still awaiting: but it is to be feared that in many of the cases now pointed out no remedy except the abolition of the duties, which act so largely as transit duties, is likely to be effectual. The best attention of the Commissioners is invited to the subject, and they should be requested to report separately in the case of each Municipality, in which refund rules, apparently fulfilling the necessary conditions, have had a trial, whether their opinion any further trial is necessary or desirable, or whether the duties on articles, the normal standard of consumption of which seems to be much exceeded, should not be speedily abolished. Every allowance may, as has been already pointed out by Government, be made for excesses due to the consumption of taxed articles by the residents of villages close to municipal towns, who no doubt have some share in the advantages of municipal administration; but the consumption of such articles by persons living at a distance who purchase their supplies from small local shopkeepers who obtain them periodically from the municipal towns should not be taken into consideration. It is very necessary to bear in mind that the refund rules of municipal towns not situated on great trade routes are likely, if unsuited to the circumstances of the small local shopkeepers referred to, to be altogether a dead letter; and, if they cannot be adjusted to those circumstances, the abolition of the duties is the only means of preventing their incidence being on those who are not intended by Government to pay them.

8. In the following table the "receipts," exclusive of loans and deposits, of the year under review, are contrasted with those of the previous year:—

| Divisions. | Octroi. | | Direct Taxation. | |
|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. |
| Bombay.. .. .. .. .. .. .. | 9,48,516 | 12,91,343 | 23,17,132 | 23,35,253 |
| Northern Division .. .. .. .. .. | 4,20,763 | 4,31,281 | 2,65,008 | 2,93,451 |
| Central do. .. .. .. .. .. | 3,76,028 | 4,41,184 | 3,62,096 | 4,12,590 |
| Southern do. .. .. .. .. .. | 1,55,083 | 1,74,054 | 1,13,108 | 1,16,182 |
| Sind .. .. .. .. .. .. .. | 5,23,182 | 4,91,916 | 63,033 | 61,213 |
| Total.... | 24,23,575 | 28,29,778 | 31,20,377 | 32,18,689 |

| Division. | Miscellaneous, including Rents, Fines Payments for services rendered, &c. | | Grants-in-aid from Provincial or Local Funds. | | Total. | |
|---|---|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. .. .. | 11,14,181 | 12,74,099 | 90,000 | .. | 44,69,829 | 49,00,695 |
| Northern Division. .. .. | 96,276 | 1,14,273 | 36,409 | 72,745 | 8,18,456 | 9,11,750 |
| Central do. .. .. .. | 1,76,585 | 1,91,406 | 34,492 | 82,601 | 9,49,201 | 11,27,781 |
| Southern do. .. .. .. | 85,572 | 65,384 | 32,279 | 50,979 | 3,86,142 | 4,06,599 |
| Sind .. .. .. .. .. | 2,20,569 | 2,61,849 | 20,802 | 42,578 | 8,27,589 | 8,57,556 |
| Total .. | 16,93,183 | 19,07,011 | 2,13,982 | 2,48,903 | 74,51,217 | 82,04,381 |

Some discrepancies between the figures in Form I. for the Central Division and those in the table subjoined to paragraph 12 of Mr. Crawford's report are due to the correction of mistakes detected in the Form I. originally submitted by the Commissioner. It is observed that the real total of the items given in the table under paragraph 13 of the report is not that shown by the Commissioner at the foot of that table.

9. In Bombay City an increase of receipts is reported under all the principal heads, especially town duties—owing to the changes mentioned above in poragraph 4—water-rate and miscellaneous. In consequence of the collection of large arrears in the previous year, the increase of receipts from the consolidated rate was less than might have been expected from the increase of that rate by ¾ths per cent.

10. A large increase in octroi revenue is reported by the Commissioner, C. D., but his explanation as regards Poona City, where the increase, though apparently considerable, was in reality but nominal, is not very clear. In the Northern and Southern Divisions also an increased revenue under this head is reported, and the Governor in Council has read with concern Mr. Propert's remark that all the Municipalities in which the increase took place are important trade centres. The irregular action of the Broach Municipality in farming out the collection of the tax has already been noticed by Government.

11. As regards direct taxation the most noticeable point is the considerable extent to which variations in receipts were due to efficient or inefficient collection. In the Northern Division an increase of Rs. 10,013 in house-tax and in the Central Division one of Rs. 24,366 in conservancy cess are attributed to the collection of arrears of former years; while, on the other hand, in the Southern Division, the failure to collect large amounts in 4 Municipalities is assigned as the cause of a considerable decrease in the realisations from house-tax; and in Sind a similar decrease is attributed to the receipts for the previous year having included collections of large arrears, and to the non-payment of certain bills in the year under review. Receipts from "other taxes" considerably increased in the Southern Division, and those from tolls exhibit an increase in all the Divisions of the Presidency proper. The marked increase in house-tax collections in the Central Division is not explained, but it seems to have occurred mainly in Ahmednagar and Poona City.

12. The increase reported from all Divisions in grants-in-aid from Provincial or Local Funds was due to grants for the previous year having been made for only a portion of that year, in which the transfer of primary schools to the Municipalities took place. Another result of these schools having remained in the charge of the Municipalities for the whole of 1886-87, as compared with only a portion of 1885-86, was a general increase in municipal receipts from school-fees which, together with an increase under "sundries,' in the Northern and Sind Divisions and under "proceeds of land" and "conservancy"—due chiefly to the large sale of poudrette in Poona—in the Central Division, was the main cause of the increased "miscellaneous" revenue in those Divisions." In the Southern Division the decrease under the head "miscellaneous" is attributed to the collections of the previous year having included city survey fees realized at Hubli and Dharwar.

13. Municipal expenditure for the years 1885-86 and 1886-87 is shown under its various heads in the following statements :—

| Divisions. | General Establishment. | | Public Safety. | | Public Health. | |
|---|---|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. .. .. | 3,71,162 | 4,07,023 | 6,97,801 | 6,29,467 | 27,30,462 | 32,92,372 |
| Northern Division.. .. .. | 93,263 | 91,012 | 79,277 | 83,456 | 3,29,594 | 3,42,678 |
| Central do. .. .. .. | 1,26,244 | 1,26,579 | 53,799 | 57,780 | 4,63,317 | 4,38,081 |
| Southern do. .. .. .. | 47,393 | 47,566 | 17,674 | 16,784 | 1,44,382 | 1,40,119 |
| Sind .. .. .. .. .. | 1,01,447 | 97,444 | 68,243 | 65,647 | 3,37,563 | 3,13,393 |
| Total .. | 7,39,509 | 7,69,624 | 9,16,794 | 8,53,134 | 40,05,319 | 45,26,643 |

| Divisions. | Public Instruction. | | Public Convenience. | | Contribution to Provincial or Local Funds. | |
|---|---|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. .. .. | 22,500 | 32,604 | 6,40,588 | 5,58,668 | .. | .. |
| Northern Division.. .. .. | 86,409 | 1,21,542 | 1,97,861 | 1,28,397 | 5,885 | 5,679 |
| Central do. .. .. .. | 1,01,837 | 1,49,987 | 2,12,697 | 1,63,683 | 155 | 40,859 |
| Southern do. .. .. .. | 70,925 | 97,190 | 54,254 | 69,022 | .. | .. |
| Sind .. .. .. .. .. | 1,01,438 | 1,38,052 | 1,22,528 | 1,67,433 | .. | 1,200 |
| Total.. | 3,83,109 | 5,39,375 | 12,27,928 | 10,87,203 | 6,040 | 47,738 |

| Divisions. | Debt. | | Miscellaneous. | | Total. | |
|---|---|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. .. | 59.51,509 | 1,98,85,587 | 56,110 | 1,74.109 | 1,04,70,133 | 2,49,79,830 |
| Northern Division.. .. | 1.14,816 | 1,26,450 | 19.156 | 33.225 | 8,26.261 | 9,32,439 |
| Central do. .. .. | 1,2).316 | 1,36,056 | 16 644 | 36,154 | 10,95,009 | 11.49.179 |
| Southern do. .. .. | 20,347 | 20,435 | 12.863 | 16,582 | 3,67,838 | 4,07,698 |
| Sind .. .. .. .. | 43,201 | 51,188 | 22,621 | 54,007 | 7,97,041 | 8,88,364 |
| Total .. | 62,50,189 | 2,02,19,716 | 1,27,394 | 3,14,077 | 1,36,56,282 | 2,83,57,510 |

14. The fact that the classification of accounts in the prescribed Form No. 2 (Expenditure) submitted to Government by the Municipal Commissioner of Bombay differs from that adopted by him in his annual report, makes it very difficult to compare the figures in the former with those accompanied by explanations in the latter, and the Municipal Commissioner should be asked whether he cannot conveniently retain in his report in future the classification—for receipts as well as for expenditure—adopted in the forms prescribed by

Government. It is observed that under the head "debt," in which an enormous increase is shown in Form 2, is included a sum of Rs. 1,61,92,525 for advances on account of departmental works, &c.

15. In Public Works, as in the previous year, much progress is reported, especially in the drainage works of the city of Bombay. Though the works connected with the Tansa water-supply scheme were pushed on vigorously, less progress than was expected was made both with the duct line and with the masonry work of the dam. As pointed out by the Town Council it is for the present of the utmost importance to make the very most of the existing water-supply, and in this connection the Governor in Council has observed with satisfaction the steps taken to detect and prevent waste of water. The Municipal Commissioner urges the necessity for the adoption of decisive measures regarding the disposal of rubbish, now that the land on the Flats is nearly filled up, and the Town Council have acted judiciously in bringing this matter prominently to the notice of the Corporation.

16. The Health Officer of Bombay has submitted an interesting report, but it is to be regretted that there are no means available at present for securing even approximately accurate statistics of births. It is satisfactory, however, to fine that the death-rate, which, in view of the facilities for registering deaths, may be assumed to be correct, was as small as 23·2 per thousand, and that in the year under review the smallest number of deaths on record from cholera and small-pox was registered in Bombay.

17. In Mofussil Municipalities the most striking feature of the year's expenditure was the increase in all Divisions under "public instruction," caused by the transfer of primary schools to Municipalities, mentioned above in paragraph 13 ; but this was accompanied, it is observed with regret, by a considerable net decrease of expenditure on both "public health" and "public convenience." As regards public health an increase of expenditure is reported from the Northern Division alone, where it is attributed mainly to larger expenditure on water works in Ahmedabad and Bandra and on conservancy—chiefly on a night-soil tramway and a poudrette depôt—in the former Municipality. The decrease in all other Divisions was for the most part under "buildings and other works (erection of slaughter-houses, latrines, &c.)" On matters connected with the "public convenience," though the Municipalities of the Southern and Sind Divisions incurred larger expenditure than in the previous year, especially on the "construction and maintenance of roads," this increase was much more than counterbalanced by the decreased expenditure in the Northern and Central Divisions under the same sub-head and also, in the former, under "other new works," and in the latter under "other charges." The cause of the large increase in "contributions to Local and Provincial Funds" in the Central Division should be ascertained and reported by the Commissioner. The charge incurred in the year under review appears from Form 2 to have been almost confined to the Poona City Municipality, but no explanation is given in the report of that Municipality in which, it is observed, the item is not even mentioned.

18. Prominent notice is given in the reports of the Commissioners of the Northern, Central and Southern Divisions to the large outstanding balances in several of the Municipalities in their Divisions ; and the Governor in Council, who concurs in the remarks made by those

officers, must invite the special attention of the Municipalities concerned to this blot on their administration, and express a hope that the Managing Committees will take steps to secure the more prompt collection of taxes in future.

19. The financial results of municipal administration during the year under review are summarized in the following statement, the figures in which are inclusive of those for loans, deposits and advances :—

| Divisions. | Opening Balance. | | Income during year. | | Total Funds for disposal. | |
|---|---|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. | .... | 12,166 | 1,04,82,299 | 2,49,87,957 | 1,04,82,299 | 2,50,00,123 |
| Northern Division.. | 2,62,976 | 2,25,825 | 8,88,484 | 9,89,689 | 11,51,460 | 12,15,514 |
| Central do. .. | 5,40,583 | 4,56,184 | 10,02,525 | 11,91,029 | 15,43,108 | 16,47,213 |
| Northern do. .. | 1,48,236 | 1,73,078 | 3,93,001 | 4,23,512 | 5,41,237 | 5,96,590 |
| Sind .. .. .. | 4,74,637 | 5,17,503 | 8,48,766 | 8,75,328 | 13,23,403 | 13,92,831 |
| Total .. | 14,26,432 | 13,84,756 | 1,36,15,075 | 2,84,67,513 | 1,50,41,507 | 2,98,52,271 |

| Divisions. | Total Expenditure. | | Closing Balance. | |
|---|---|---|---|---|
| | 1885-86. | 1886-87. | 1885-86. | 1886-87. |
| | Rs. | Rs. | Rs. | Rs. |
| Bombay .. .. | 1,04,70,133 | 2,49,79,830 | 12,166 | 20,293 |
| Northern Division.. | 9,26,261 | 9,32,439 | 2,25,199 | 2,83,075 |
| Central do. .. | 10,95,009 | 11,49,179 | 4,48,099 | 4,98,034 |
| Southern do. .. | 3,67,838 | 4,07,698 | 1,73,399 | 1,88,892 |
| Sind .. .. .. | 7,97,041 | 8,88,364 | 5,26,362 | 5,04,467 |
| Total .. | 1,36,56,282 | 2,83,57,510 | 13,85,225 | 14,94,761 |

20. There are discrepancies in all Divisions between the opening balance for 1886-87 and the closing balance for 1885-86, which are explained by the Commissioners of the Central and Southern Divisions, but not by those of the Northern Division and of Sind. In Sind, however, the cause was evidently the abolition of certain Municipalities in the year under review. It is observed that several Municipalities have allowed large balances to accumulate with a view to enabling themselves to undertake important sanitary works. The Commissioners have sufficiently referred to the subject of the audit of municipal accounts. They should draw the attention of the various Municipalities to the importance of the punctual completion of this work.

E. LAWRENCE,
Acting Under-Secretary to Government.

No. 1251. It was resolved that Government Resolution No 1278, General Department, dated 26th April 1888, be printed and circulated.

Proposed by Colonel Merewether, seconded by the Chairman—

No. 1252. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 2359, dated 9th instant, sanction be given, under Section 223 of the Municipal Acts III. of 1872 and IV. of 1878, to the serving of notice on Mr. Vithaldass Gopaldass, requiring him to raise the compound of his property at No. 398, Grant Road."

*Carried.*

No. 1253. The following was *recorded* :—

No. 256 OF 1888-89.

BOMBAY, 18*th May* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the end of April 1888. The progress diagrams have been brought up to date and replaced in the Council room.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

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PROGRESS REPORT UP TO THE END OF APRIL 1888.

*Tansa Dam.*—During the month the outturn of masonry was 280,000 cubic feet, making the total quantity from the commencement of the work 2,408,100 c. ft. 50,000 c. ft. of excavation in foundations was executed. The average daily number of people employed on the dam works was 4,225 and 604 bullocks and donkeys. In the beginning of the month there was a serious outbreak of cholera at Atgaon (the Railway station for Tansa). Sixty people died of the disease which was of a virulent type. Fortunately it did not spread to Tansa in an epidemic form; nevertheless it interfered seriously with the progress of the work, as a number of the workpeople left through fear, and for several days the carting of material from Atgaon to Tansa was entirely suspended. The general health of the people was not nearly so good as in the previous month. There were 14 deaths, 6 from cholera, 2 from small-pox, and 6 from various causes.

*Duct.*—Earthwork and masonry were in progress at several points along the line of duct. The outturn of work was fair, but not yet up to the average of what it should reach to complete the work in time. 350 lineal feet of tunnels were driven. The sinking of the cylinders for the Bassein Creek bridges was progressing, and the second main girder of the 4th span of bridge No. 3 was put in position. The average daily number of persons employed along the work was about 4,700. There was a good deal of sickness—isolated cases of cholera, fever, &c.

*Cast-iron pipes.*—22,000 tons of pipes had been delivered at Kasheli and delivery of the 27″ pipes for the Arthur Road main was in progress.

The sickness which prevails along the whole of the works throughout the season, is a source of anxiety as it undoubtedly interferes with

the progress. The members of the Municipal staff still continue to suffer.—W. CLERKE, C.E., Executive Engineer, Tansa Works.

Statement showing progress made with work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| | | C.ft. | |
| State of work at opening of season, 1887-88 | 321 | 933,100 | 8,092,000 c. ft. |
| Work done in October 1887 ... ... | 323 | 26,000 | |
| Do. November „ ... ... | 329 | 80,000 | |
| Do. December „ ... ... | 332 | 250,000 | |
| Do. January 1888 ... ... | 335 | 272,000 | |
| Do. February „ ... ... | 339 | 263,000 | |
| Do. March „ ... ... | 344 | 304,000 | |
| Do. April „ ... ... | 345 | 280,000 | |
| TOTAL ... | | 2,408,100 | |

Statement showing progress of work on the principal items of the Tansa Duct.

| ITEMS. | TOTAL PROGRESS UP TO | | | | | | |
|---|---|---|---|---|---|---|---|
| | 30-9-87. | 30-11-87. | 31-12-87. | 31-1-88. | 29-2-88. | 31-3-88. | 30-4-88. |
| Excavation for conduit .. c. ft. | 2,160,000 | 3,000,000 | 3,600,000 | 4,150,000 | 4,520,000 | 4,910,000 | 5,150,000 |
| Masonry in conduit .. .. „ | 47,000 | 50,000 | 87,000 | 120,000 | 172,000 | 264,923 | 336,597 |
| Tunnelling .. .. .. l. ft. | 259 | 597 | 764 | 1,053 | 1,360 | 1,750 | *2,100 |
| Excavation in pipe track .. c. ft. | 2,120,000 | 2,440,000 | 2,536,000 | 2,650,000 | 2,690,000 | 2,760,000 | 2,790,000 |
| Embankment „ „ .. „ | 3,030,000 | 4,000,000 | 4,310,000 | 4,530,000 | 4,790,000 | 4,910,000 | 5,240,000 |
| Tramway laid .. . .. l. yds. | 5,479 | 6,879 | 7,914 | 8,725 | 8,811 | 8,869 | 9,711 |
| Erecting Bridge Cylinders .. tons. | 126 | 170 | 172 | 176 | 236 | 316 | 382 |

Detail of progress made in Tunnels up to the 30th April 1888.

| No. of Tunnel. | PROGRESS MADE. | | | Remaining to be done. | |
|---|---|---|---|---|---|
| | N. face. | S. face. | Total. | | |
| | L. ft. | L. ft. | L. ft. | L. ft. | |
| 1 | 72 | 110 | 182 | 40 | |
| 1A | ... | 105 | 105 | 423 | |
| 2 | 320 | 549 | 869 | 7,133 | |
| 3 | 131 | 96 | 227 | 838 | |
| 4 | 235 | 61 | 296 | 2,003 | |
| 5 | 79 | 229 | 308 | 291 | |
| 6 | ... | ... | ... | 740 | |
| 7 | 8 | 105 | 113 | 3,305 | |
| | | | 2,100 | 14,773 | |

W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

*See details.

No. 3028 OF 1888-89.

*22nd May* 1888.

Forwarded to the Town Council for information.

F. L. CHARLES, Acting Municipal Commissioner.

In accordance with notice, Mr. Javerilal Umiashankar Yajnik asked the Acting Municipal Commissioner to inform the Council as to (1) Whether he has put himself into communication with the Secretary to Government, in the Legislative Department, in the matter of the proposed draft Bill to prevent the adulteration of Ghee in Bombay ; and (2) If so, what reply he has received from Government on the subject ; and whether the Bill is to come on for consideration before the Local Legislature during the ensuing rainy season at Poona.

In reply to this question Mr. Charles referred Mr. Javerilal to the following extract from the minutes of the meeting of the Corporation, dated 13th February last :—

" Read letter No. 3917, General Department, dated 30th December 1887, from Mr. Under-Secretary Atkins to the Chairman, as follows :—

" SIR,—I am directed to acknowledge with thanks the receipt of your letter No. 1721, dated 3rd instant, and of the draft bill forwarded with it, setting forth the measures which should, in the opinion of the Corporation, be taken to prevent the sale of adulterated articles of food, especially the adulteration of ghee.—I have, &c., J. DE C. ATKINS, Under-Secretary to Government.

" Proposed by P. C. DeSouza, Esq., seconded by Jalbhoy Ardaseer Sett, Esq.—

" That letter No. 3917, General Department, dated 30th December 1887, from Mr. Under-Secretary Atkins, be *recorded*.

No. 2290.

" *Carried*."

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 27th May 1888.* .

Reports of the A and E Police Divisions of fires—(*a*) in a chawl at Haines Road, on the 18th instant : the damages are estimated at about Rs. 15,000 ; and (*b*) in some packing cases in the compound of Messrs. William Watson & Co., Apollo Street, on the 20th idem : the fire was speedily extinguished before any serious damage was done.

* *See* Appendix B.

No. 1255. On the application of the Acting Municipal Commissioner, made in his memorandum No. 3440 of 1888-89, sanction was given in supersession of the rate, fixed by the Town Council in their Resolution No. 2741, dated 27th March last, to the charging of Rs. 85 per ton for straight water-pipes sold to the public.*

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BOMBAY, *6th June* 1888.

AT the regular meeting of the Town Council held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The members having taken their seats, the Chairman referred to the sad news of the death of their esteemed colleague, Sir Frank H. Souter, Kt., which took place at Ootacamund on the morning of the 5th instant, and proposed the following Resolution :—

"That the Town Council have heard with deep regret of the sudden death of their colleague, Sir Frank H. Souter, Kt., Companion of the Orders of Star of India and the Indian Empire, and Commissioner of Police of this City.

"That, in placing on record this expression of their sense of the great loss which they, in common with the whole community of Bombay, have sustained by the decease of a citizen so eminent, and so respected by men of all classes and creeds, the Council would observe that for nearly a quarter of a century Sir Frank Souter manifested a warm interest in all matters connected with civic affairs, and that as Chairman, both of the Corporation and the Town Council, his conduct gained for him the approbation and entire confidence of those with whom he was associated, and on three distinct occasions cordial votes of thanks were passed to him by the Corporation and the Council.

"That a copy of this Resolution be forwarded to Lady Souter, accompanied with the assurance of the Council's

* This is an addition of Rs. 5 per ton over the rate sanctioned by the Council on the 27th March last, as it is found that Rs. 80 is now below contract rate.

sincere and heart-felt condolence with herself and the members of her family in their heavy affliction.

"That, as a mark of respect to the memory of the deceased, the Council adjourn without proceeding to the transaction of business."

The motion was seconded by Colonel G. L. C. Merewether, and *carried*.

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BOMBAY, *7th June* 1888.

AT the adjourned meeting of the Town Council held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E., CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, C.S., Esq., Acting Municipal Commissioner; the EXECUTIVE ENGINEER, Tansa Water Works, and the SECRETARY.

The minutes of the meetings held on the 30th ultimo and 6th instant, were signed.

The consideration of application for the taking up of ground for the improvement of the junction of Gogha and Kavasjee Patel Streets, was postponed.

Considered letter No. 3697, dated 1st instant, from the Acting Municipal Commissioner, applying for sanction to the taking up, under the Land Acquisition Act, of ground situate on the north of DeLisle Road.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major Waters :—

"That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that a plot of land situate on the north of DeLisle Road, admeasuring 4,175·44 square yards, or thereabout, shown in red scored lines on the tracing* marked A., dated this day, and belonging to Mr. Nanu Narayan Kothare, is required for a public purpose, namely, the construction of night-soil depôt thereat."

No. 1547.

*Carried*.

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* Filed in supplement to Minute Books marked A.

Read memorandum No. 3439, dated 29th May 1888, from the Acting Municipal Commissioner, recommending the Council to increase the rate fixed for the ground, required for the improvement of Chinchpokli Road from Re. 1 to Rs. 4 per yard.

Proposed by Surgeon-Major Waters, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 3439, dated 29th May 1888, the rate fixed by the Town Council, in their Resolution No. 449, dated 1st June 1887, for the 235·55 square yards of ground, or thereabout, the property of the Imperial Flour Mills Company, Limited, required for the improvement of Chinchpokli Road be increased, from Re. 1 to Rs. 4 per yard."

No. 1548.

*Carried.*

On the motion of Raghunath Narayan Khote, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved* : That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 3701, dated 1st instant, the Town Council fix Rs. 5 per square yard as the value of the ground covered by the erection of a rewas in front of Mr. Moolchund Prajivandas' house at Elphinstone Road.

No. 1549.

Considered memorandum No. 3700, dated 1st instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition and set-back specified in letter No. 2300B, dated 31st May 1888, from the Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 3700, dated 1st instant, sanction be given to the demolition of shed at Dariasthan Road, the property of Messrs. Gangaram Koorparam and Hari Kallian, standing on the ground, required by the Municipality for street improvement ; and to the taking up of the land in question, 57·62 square yards, or thereabout, at Rs. 35 per square yard."

No. 1550.

*Carried.*

Considered memorandum No. 3725, dated 2nd instant, from the Acting Municipal Commissioner, asking the

Council's sanction to the demolition and set-back specified in letter No. 2317B, dated 23rd May 1888, from the Acting Executive Engineer.

Proposed by Sir Henry Morland, seconded by Colonel Merewether—

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 3725, dated 2nd instant, sanction be given to the demolition of such portion of house at Nos. 180-182, Memonwada Road, the property of Mr. Kanjee Jairam, as stands on the ground to be taken up by the Municipality for street improvement. No. 1551.

"That sanction be given to the taking up of the ground in question, 4·16 square yards, or thereabout, at the rate of Rs. 25 per square yard."

*Carried.*

Read letter No. 3947, dated 6th instant, from the Acting Municipal Commissioner, as follows :—

SIR,—In forwarding herewith copy of Government Resolution No. 1058, dated 16th May 1888, P. W. D. Railway, I have the honor to request that the Corporation be recommended to sanction the proposals contained in para. 3, 4 and 8, and that the sanction of the Town Council be accorded to the proposals contained in paras. 5 and 7. The rate I propose for the ground, 778·94 square yards, referred to in para. 5 is Rs. 7 per square yard.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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G. I. P. Railway.—*Settlement of claims in connection with the New Byculla and Nesbit Lane overbridges.*

No. 1058 OF 1888.

P. W. Department, Railway.

Bombay Castle, 16th May 1888.

Read again—

Government Resolution No. 2229, dated 6th December 1884.

Government Resolution No. 357, dated 10th February 1886.

Minutes of a special meeting held on the 16th January 1884, at the Great Indian Peninsula Railway Company's office.

From the Consulting Engineer for Railways, dated 30th May 1888.

Submits, for orders, correspondence with the Municipal Commissioner for the City of Bombay, the Agent, Great Indian Peninsula Railway Company, and the Collector of Bombay regarding—

(1.) The question of keeping the low level crossing at Nesbit Lane open and the retention by the Municipality of the land occupied by the old road, west of the level crossing ;

(2.) The opening of a foot-path along the western approach to the old level crossing at Nesbit Lane up to the lines of rails, and provision of steps up to the high level bridge for foot passenger traffic ;

(3.) The proposal from the Municipal Commissioner to widen the Parel Road between the entrance to the present Byculla Station and the old Nesbit Lane by taking up a strip of the Railway Company's land on the east side 260 feet long and 20 wide ;

(4.) Claim by the Great Indian Peninsula Railway Company for compensation from the Municipality for the buildings in Berkley Place demolished on account of the western approach of the new Nesbit Lane bridge ;

(5.) Claim of the State Railway Storekeeper for compensation for State Railway buildings pulled down for making the eastern approach of the bridge ;

(6.) Bai Jamnabai's request for a flight of steps from the northern approach of the new Byculla bridge near entrance to her charitable serai ; and

(7.) Proposed amendment of the Great Indian Peninsula Railway Company's estimate of the new Nesbit Lane by the addition of one item of 10 per cent. for supervision.

RESOLUTION.—The general principles under which the Byculla and Nesbit Lane bridges over the Great Indian Peninsula Railway were to be constructed were laid down in para. 5 of Bombay Government Resolution No. 2229 of 1884. Unfortunately all the chief officers who arranged that compromise between the various conflicting interests have left Bombay, and there are very few details on record to serve as a guide in settling the various minor points which have since arisen during the construction of the works.

2. Amongst others, the following points have arisen which now require settlement :—

(*a.*)—Claim by the Municipal Commissioner to keep open the low level crossing at Nesbit Lane, and to retain the land occupied by the old road ;

(*b.*)—Proposal by the Municipal Commissioner to open a foot-path along the western approach to the old crossing at Nesbit Lane up to the lines of rails, and to make steps up to the new high level bridge as a short cut for foot passenger traffic ;

(*c.*)—A demand by the Municipal Commissioner for a strip of land about 260 feet long and 20 feet wide, for widening the Parel Road at the part between the opening to the present Byculla Station and the old Nesbit Lane ;

(*d.*)—A request by the Great Indian Peninsula Railway Company for issue of orders to the Municipal Commissioner to pay over to the Company, without further delay, compensation for the buildings in Berkley Place, which had to be pulled down to make way for the western approach of the new Nesbit Lane bridge ;

(*e.*)—A similar request from the State Railway Port Storekeeper for compensation for the State Railway buildings demolished to make way for the eastern approach ;

(*f.*)—A request by Bai Jamnabai for a flight of steps from the northern approach of the new Byculla bridge at a place near the entrance to her charitable serai ;

(*g.*)—A request by the Great Indian Peninsula Railway Company to amend their original estimate of the new Nesbit Lane bridge by the addition of an item of 10 per cent. for supervision ;

and it will be well to consider these in order.

3. As regards (*a*), Government cannot admit the claim. The whole of the original negotiations rested on the fact that it was most desirable to get rid of the old level crossing, and not merely to provide an additional passage across the railway.

There is unfortunately nothing expressly on record regarding the retention by the Municipality of the approaches to the old level crossing, but the land plans clearly show that these approaches were to be resumed by Government free of cost. The land for the western approach resumed by Government from the Railway, and given over to the Municipality free, measured about 3,055 square yards, and the land obtained from the Government of India, also free of cost, for the eastern approach measured about 70 square yards—or in all about 3,125 square yards. Whereas the land of the old western approach to the level crossing and the small portion of the eastern approach only measures about 982 square yards, so the balance of the exchange remains very largely in favor of the Municipality. Moreover, it was evidently intended to make over this land for Railway purposes in lieu of the large piece taken away from the Great Indian Peninsula Railway Company for the western approach to the new bridge.

4. As regards (*b*), the Acting Municipal Commissioner has agreed to withdraw his proposal for a foot-path along the old level road, so this point may be dropped, but as the Vehar water main still traverses the line of the old road, Government will take care that a strip of the old road, 12 feet wide, centrically over the main, and with a gate giving access to the Parel Road, shall be kept clear of any houses, gardens, &c., and freedom of access to it at all times given to the officers of the Municipality, for the purposes of examination or repair of the water-pipe.

5. The demand (*c*) does not strictly arise out of the agreement to build these two overbridges ; but as it is very closely mixed up with the obligation of Government to provide land for all reasonable necessities of the Great Indian Peninsula Railway Company, it may be considered here. As the land is required for a very necessary public improvement, Government are prepared to resume the land from the Railway Company, and to make it over to the Municipality on payment. Other land will have to be acquired for the Railway Company should it be found that they absolutely require it.

6. As regards (*d*) and (*e*), clause VII. of para. 5 of Bombay Government Resolution No. 2229 of 1884, above quoted, distinctly lays down that the Municipality are to re-imburse Government and the Railway Company the value of all buildings wholly or partially removed ; and as it is understood that the claims come strictly within the limits of that clause, payment should not be longer withheld.

7. The request of Bai Jamnabai (*f*), for steps from the northern approach to the new Byculla bridge may be acceded to, and it has been arranged to distribute their cost between Government, the Muni-

cipality and the Great Indian Peninsula Railway Company. The emplacement of the steps will require the low level road to be widened slightly. Government will provide the small strip of land required; the Municipality will widen the road and set back the outer wall, and the Railway Company will build the steps as a part of their original project, the building the Byculla bridge.

8. The request of the Agent, Great Indian Peninsula Railway Company, to amend his original estimate is reasonable. The estimate was originally made to shew what the actual work would cost, whether made by the Railway Company or by the Municipality. Government, however, consider that, as the question was not brought forward until after the bridge was practically finished, a greater charge than 5 per cent. should not be asked. It is understood that the Great Indian Peninsula Railway Company had been able to construct the bridge well within their original estimate, and that the sanction given will also bear this 5 per cent. charge as well.

9. If the above settlement is accepted, the Acting Municipal Commissioner should obtain the sanction of the Corporation to such of the items as are not within his own powers, and the necessary land, plans and schedules for the transfers of the plots of land should be prepared and submitted without delay.

H. O. SELBY, Major, R.E.,
Acting Under-Secretary to Government.

Also read letter No. 4016, dated 7th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to request the sanction of the Town Council to the payment to the Port Storekeeper of Rs. 800 and Rs. 1,100 as compensation for walls and buildings of the Port Store Yard having been removed in connection with the construction of Ollivant Bridge. The charge to be debited to the grant for the bridge.—I have, &c.,

F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 1552. "That the Corporation be recommended to sanction the closing of the Nesbit Lane old level crossing, subject to the conditions contained in para. 4 of Government Resolution No. 1058, Public Works Department (Railway), dated 16th May 1888, and to the payment to the G. I. P. Railway Company of 5 per cent. (Rs. 7,700 or thereabout) for supervision charges for the construction of the Nesbit Lane (Ollivant) overbridge to the debit of savings on the original grant.

"That sanction of the Council be given—(1) To the purchase of a strip of land from Government, admeasuring 778·94 square yards, or thereabout, at Rs. 7 per yard, for widening Parel Road between the opening to the present Railway station and old Nesbit Lane. This

charge to be debited to the grant for street improvement. (2) To the widening of the road at Byculla bridge, and to the setting back of the wall there to allow of the construction of steps from the northern approach of the bridge to Bai Jamnabai's charitable serai. (3) To the payment to the Port Storekeeper of Rs. 800 and Rs. 1,100 as compensation for walls and buildings of the Port Store Yard which have been removed in connection with the construction of Ollivant bridge. This charge to be also debited to the grant for the bridge."

*Carried.*

The seal of the Corporation was affixed to deeds of conveyance—

No. 1553. From Mr. Usman Ahmed Bukbai, of ground taken up for Milch Cattle Stables, Agripada.

No. 1554. From Mr. Tar Mahomed Ahmed, of ground taken up for the improvement line of Mazagon Road. (The Acting Executive Engineer, in his letter No. 2330B, dated 1st June 1888, to the Acting Municipal Commissioner, states that Mr. Tar Mahomed Ahmed is the proper person to receive compensation in this case, not Mr. Tar Mahomed Bawa, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 622, dated 1st June 1888.)

No. 1555. Considered and *recorded* memorandum No. 3698, dated 1st instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases and sale :—

| Supplies. | Sale. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| Medicine .. .. | .... | Messrs. Kemp & Co. | The Health Officer. | In connection with the Conservancy Branch. | March and April 1888. | 94 6 0 |
| Glycerine, Chalk, &c. | .... | Do. .. | Do. .. | .... | March 1888. | 2 14 0 |
| 3,100 lbs. beef and 187 lbs. mutton, at the rate of 16 lbs. and 7 lbs. per rupee, respectively. | .... | Ahmed Sheroofbhoy. | The Executive Engineer. | For animals, Victoria Gardens. | Do. .. | 220 7 4 |
| .... | 10 cart-loads manure, at the rate of Annas 8 per cart-load. | Municipality . | Hadji Abdula Esmail. | .... | May 1888 .. | 5 0 0 |

No. 1556. Considered and *recorded* memorandum No. 3752, dated 2nd instant, from the Acting Municipal Commissioner, reporting that he has accepted the tender of Mr. Bhomaji Shivaji for the erection of a fountain at the north end of Hornby Vellard, at rates amounting to Rs. 1,578-14-0.

No. 1557. Considered and *recorded* letter No. 3756, dated 2nd instant, from the Acting Municipal Commissioner, reporting that he has employed the following establishment for 15 days to contour the site proposed for additional filters at Vehar :—Three surveyors at Rs. 80 per mensem each, with allowance at Rs. 2 per diem each, and 9 lascars at Rs. 12 per mensem each. The cost to be debited to the grant for Discretional contingencies.

Read memorandum No. 3818, dated 4th instant, from the Acting Municipal Commissioner, forwarding letter No. 305, dated 31st ultimo, from the Executive Engineer, Tansa Water Works, as under: and asking the Council's sanction to the entertainment of the proposed establishment. The experience of this working season has clearly shown that the present establishment is not strong enough to carry on the work, owing to the exceedingly feverish character of the Tansa jungles :—

SIR,—I have from time to time in my monthly report, &c., had to remark on the sickness prevailing amongst the members of the Municipal establishment employed on these works, owing to the unhealthiness of the districts in which they are situated. I believe there is not a single member of the executive establishment from myself downwards, who has not suffered more or less during the season drawing to a close. From the experience now gained I find that the establishment as approved by the Town Council is inadequate for the proper performance of the duties required. This is partly due to the cause mentioned above, but even irrespective of this, some increase is in my opinion necessary. The duct works extend over a considerable distance, some 46 miles, and with work going on at numerous points along it, the present establishment is, I find, not sufficient. I therefore propose to increase the scale of fixed establishment approved by the Town Council, by two inspectors first class, at Rs. 180 each, and 2 inspectors second class at Rs. 110 each. This proposal is in addition to, and independent of, that sanctioned by the Town Council in their Resolution No. 1635, dated 23rd November 1887, for the temporary employment from time to time, as they may be required during the working season of four temporary inspectors second class. These latter are merely temporary for the setting out and inspection of work ; they are dismissed when no longer required, and when men are again wanted it is impossible to say whether the

same men will be available or not. The increase now proposed is for men whose service will be continuous and who will be conversant with the general nature and detail of the work and with the methods adopted, and it will ensure a sufficient supply of men in touch with the work to carry on the duties making allowance for the temporary break-down through sickness of some of the establishment. The want of some such reserve was felt often during the past season, and at times it cost me some anxiety in regard to the proper performance of the duties of the establishment. I have the honour to request that you will obtain the sanction of the Town Council to this proposal. The cost of it will have to be debited to contingencies of the Tansa project.

I do not propose employing any of the establishment for which sanction is now asked until the opening of next working season in October or November.—I have, &c., W. CLERKE, C. E., Executive Engineer, Tansa Works.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, with reference to the Town Council's Resolutions No. 766, dated 31st August 1886, and No. 1635, dated 23rd November 1887, sanction be given, as recommended by the Acting Municipal Commissioner, to the employment from 1st October next, of the following additional staff for the Tansa Water Works, at the following rates, including all allowances :—2 Inspectors, 1st Class, at Rs. 180 per mensem each ; 2 Inspectors, 2nd Class, at Rs. 110 per mensem each. The charge to be debited to the grant for Establishment, Tansa Water Works."

No. 1558.

*Amendment*, moved by Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the increase of Inspectors required on account of insufficiency of staff be sanctioned at once by the employment of one first class Inspector and one second class Inspector as requested. That the increase asked for on account of ill-health of establishment be not considered until the 1st October next."

On a division, there were 3 votes *for* and 6 *against* the amendment which was *lost*. The original motion was *carried* by 7 votes (against *none*).

On the application of the Acting Municipal Commissioner, made in his memorandum No. 3699, dated 1st instant, sanction was given to the payment of Rs. 18, to meet the cost of two rolls of Ferro-Prussiate paper supplied by Messrs. Thacker & Co., for the purpose of preparing plans of various sites for Muni-

No. 1559.

cipal building. The cost to be debited to the Municipal Building Fund.

On the motion of Raghunath Narayan Khote, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

No. 1560. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memoranda Nos. 3381, 3581 and 3582, dated 28th and 31st ultimo, sanction be given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of special halalkhor service as follows :—

The Khetwadi Female Hospital, at Rs. 17-4-0 per mensem, from 27th December 1887 to 9th February 1888.

P. & O. Co.'s Dockyard, Mazagon, at Rs. 51-12-0 per mensem, from 3rd May 1888.

House at Haines Road owned by Mr. Jaynarayen Sitaram, at Rs. 17-4-0 per mensem from 1st May 1888.

House at Arthur Road owned by Mr. Goverdhandass Bhaidass, at Rs. 17-4-0 per mensem from 1st May 1888.

On the motion of Raghunath Narayan Khote, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

No. 1561. *Resolved*: That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 3437, dated 29th ultimo, sanction be given to the purchase, from the Bombay Club, of 1½ inch meter for Rs. 30, including cost of replacing its internal parts. The cost to be debited to the grant for the purchase of Water Works fittings.

No. 1562. With reference to the question of the leakage of Malabar Hill Reservoir, it was agreed that the trial-pits thereat be inspected by the members of the Council on Monday, the 11th instant, at 8 a.m.

The consideration of the question of the proposed extension of Bhuleshwar Market was postponed.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 3rd June 1888.*

Report of the E Police Division of fire in a room at Carpenter Street, on the 25th May 1888 : damage Rs. 1-14-0.

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* *See* Appendix B.

BOMBAY, 13*th June* 1888.

AT the regular meeting of the Town Council, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 7th instant, were signed.

Read letter No. 4357, dated 13th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to request the sanction of the Town Council to the purchase of about 638 square yards of land from Government to be handed over to Mr. Farrow in accordance with an agreement made with him and sanctioned by the Corporation.

At the time of the exchange recently sanctioned, this narrow strip which ran between two plots of Municipal land, was handed over to Mr. Farrow, along with other plots on the assumption that it was Municipal property, but it subsequently transpired that the ground belonged to Government and did not form part of the land which the Municipality purchased from Ratanbai, widow of the late Rustomji Hormusji Mody. On my asking Government to hand over the ground free of charge, they have decided that the Municipality should pay for it at the rate of Re. 1 per yard. As the matter is somewhat urgent, I have ordered payment to be made from my Discretional Contingencies pending the sanction of a special grant.—I have, &c., F. L CHARLES, Acting Municipal Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

" That the Corporation be recommended to sanction the purchase of 638 square yards of land, or thereabout, on the Flats, from Government at Re. 1 per square yard, to be handed over to Mr. Farrow, in accordance with an agreement made with him and sanctioned by the Corporation on 4th April last, which land was handed over to Mr. Farrow along with other plots by the Municipality on the supposition that the said 638 square yards were the property of the Corporation."

No. 1839.

*Carried.*

Considered memorandum No. 3492, dated 30th ultimo, asking the Council's sanction to the taking up of the following piece of ground required for the improvement line of street :—

62·95 square yards, or thereabout, at No. 60, at the junction of Ghoga and Kavasji Patel Streets, at the rate of Rs. 15 per square yard, *plus* Rs. 5,321-8-0, as compensation for the structure standing on the ground to be taken up. (In this case, the application for permission to rebuild the rear main wall [marked *c*, *d*, which has fallen down] is made by Mr. Pestonjee Furdoonji Boomla).

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major G. Waters, it was—

No. 1840.

*Resolved* : That sanction be given to the taking up of 62·95 square yards of ground, or thereabout, at the junction of Ghoga and Kavasji Patel Streets, from Mr. Pestonji Furdoonji Boomla, required for the improvement of the line of the street thereat. That the Municipal Commissioner be at liberty to enter into an arrangement with the party for the occupation of the land by the seller on terms beneficial to the Municipality.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 1841.—260·33 square yards, or thereabout, at Lady Jamsetjee Road, at the rate of As. 12 per square yard. (In this case, the application for permission to build is made by Messrs. Ewart, Latham & Co.)

Nos. 1842.—5·75 square yards, or thereabout, at Nos. 62-64, Bazaar Gate Street, at the rate of Rs. 30 per square yard. (In this case, the application for permission to rebuild the rear portion of house is made by Mr. Pestonjee Kavasji Bapasola.)

No. 1843.—2·77 square yards, or thereabout, at No. 48-50, Esaji Street, at the rate of Rs. 20 per square yard. (In this case the application for permission to build is made by Mr. Haridass Premji.)

No. 1844.—13·79 square yards, or thereabout, at Agiari Street, at the rate of Rs. 25 per square yard. (In this case,

the application for permission to rebuild is made by Mr. Chutoorbhooj Morarji.)

No. 1845.—13·50 square yards, or thereabout, at Nos. 32-37, First Carpenter Street, Mazagon, at the rate of Rs. 4 per square yard. (In this case, the application for permission to rebuild is made by Mr. Gowra Juggonnath.)

No. 1846.—4·50 square yards, or thereabout, at Nos. 184-186, Memonwada Road, at the rate of Rs. 25 per square yard. (In this case, the application for permission to rebuild is made by Mr. Runchordass Bhugwandass.)

No. 1847.—3·09 square yards, or thereabout, at Nos. 60-64, DeSouza Street, Mandvi, at the rate of Rs. 35 per square yard. (In this case, the application for permission to rebuild the front wall of his house, is made by Mr. Anundji Dyal.)

On the motion of Colonel Merewether, seconded by Rao Saheb Vishvanath Narayan Mandlik, it was—

No. 1848. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 3438, dated 29th ultimo, sanction be given to the setting forward of Mr. Dadoomeya Noor Mahomed's house at Nos. 15-31, Second Cooper Street, for improving the line of the road thereat; and to the sale to Mr. Dadoomeya Noor Mahomed of 116 square yards, or thereabout, of Municipal ground, now adjoining and fronting the said house, at the rate of Rs. 10 per yard.

Considered again letter, dated 17th March 1888, from Mr. Keekabhoy Sumsoodin, asking that he may be paid Rs. 15 per square yard for the land taken up from him for the improvement of Dhunjee Street, *plus* compensation for compound wall, &c., standing on the ground so taken up.

Read memorandum No. 4087, dated 8th instant, from the Acting Municipal Commissioner, forwarding memorandum No. 2477B, dated 5th idem, from the Acting Executive Engineer, stating that the rate of Rs. 8 per square yard, for the 22·54 yards of applicant's ground which is added to the road is a fair one, and should not, therefore, be increased.

Proposed by Colonel Merewether, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 1849. "That, in reply to his letter, dated 17th March 1888, Mr. Keekabhoy Sumsoodeen be informed that the Town Council adhere to the terms of their Resolution No. 859, dated 27th July 1887, fixing the rate to be paid for the 22·54 square yards, or thereabout, of ground taken up from him for the improvement of Dhunjee Street, at Rs. 8 per yard."

*Carried.*

Considered memorandum No. 4092, dated 8th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 2449B, dated 5th idem, from the Acting Executive Engineer.

No. 1850. *Resolved* : That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 4092, dated 8th instant, sanction be given to the demolition of shed built on the reclaimed ground at Mazagon Road, the property of Mr. Shevdayal Kasiram.

Considered memorandum No. 4223, dated 11th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 2527B, dated 6th idem, from the Acting Executive Engineer.

On the motion of Colonel Merewether, seconded by Rao Saheb Vishvanath Narayan Mandlik, it was—

No. 1851. *Resolved* : That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 4223, dated 11th instant, sanction be given to the demolition of shed built at Tank Bandar Road, the property of Mr. Sukharam Ranoo.

Considered memorandum No. 4222, dated 11th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition and set-back specified in letter No. 2616B, dated 8th idem, as follows :—

SIR,—I have the honour to report that Mr. Narayan Gunput is making extensive alterations and additions to his house bearing Nos. 2-10, 1 to 8, Dongri Street, involving the removal of a considerable portion of the house besides the main walls in greater part. The attached tracing marked $\frac{A}{1\text{-}6\text{-}88}$ shews in yellow colour the new work; in yellow colour scored, the portions of the main walls removed and re-erected; and in red colour, the old work at present standing. The

house originally consisted of ground, first floor, and attic stories, the latter two stories including the floorings, &c., have been entirely taken down and reconstructed. On the 8th ultimo, when the work then executed was found to be such as to bring the case within the meaning of Section 165 of the Municipal Acts, notice was served on the owner, requiring him to submit plans, but up to date none have been received. The work is in rapid progress. A set-back is required for the improvement of the street. The ground to be added to the street is scored off in red on the attached plans and measures 50·17 square yards. The sanction of the Town Council is now required under Section 167 of the Municipal Acts to the demolition of the portion of the building which stands on the set-back ground, and also under Section 163 to the taking up of the land mentioned above. The cost of the ground (50·17 square yards) at the estimated rate of Rs. 45 per square yard, amounts to Rs. 2,257-10-4.

The owner was informed on the 5th instant that the sanction of the Town Council to the course above indicated would be applied for at the next meeting.

The notice and papers relating to the case are herewith forwarded.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 1852. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 4222, dated 11th instant, sanction be given to the demolition of such portion of house at Nos. 2-10, 1 to 8, Dongri Street, the property of Mr. Narayan Gunput, as stands on the ground to be taken by the Municipality for street improvement; and to the taking up of the land in question 50·17 square yards, or thereabout, at the rate of Rs. 45 per yard.

"That, in the event of the Acting Commissioner being able to make arrangements with Mr. Gunput Narayan, without recourse to the demolition of the building, Mr. Charles be authorized to act accordingly."

*Carried.*

No. 1853. The seal of the Corporation was affixed to deed of conveyance from Mr. Harishankar Balkrishna, manager of the Hindu temple in Funuswadi Lane, of ground taken up for the improvement line of that lane.

No. 1854. Considered and *recorded* memorandum No. 4085, dated 8th instant, from the Acting Municipal Commissioner, reporting, under Section 55

of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases, sales and work :—

| Supplies, &c. | Sales, &c. | Work. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. a. p. |
| 3 Rolls Ferro Prussiate paper and 2,100 feet Chesterman's steel tape. | .... | .... | Messrs. Thacker & Co. | The Executive Engineer, Tansa Water Works. | For Tansa Office use. | February 1888. | 67 8 0 |
| Medicine | .... | .... | Messrs. Kemp & Co. | The Health Officer. | In connection with the Small-pox Hospital. | February, March and April 1888. | 224 5 0 |
| .... | Materials of Chowki, at Sankli Talao and some pieces of wood (by auction). | .. | Municipality. | ..... | ..... | May 1888 .. | 167 3 4 |
| .... | 10 cart-loads manure at Re. 1 per cart-load. | .... | Do. | Mr. H. M. Phipson. | ..... | Do. | 10 0 0 |
| .... | Right of tenancy of 5 shops at Dhobiwada for 1888-89. | .... | Do. | Mr. Jamnadass Mathooradass | ..... | Do. | 100 0 0 |
| .... | .... | Making brass plates at annas 2 and pies 6. | Messrs. Vithoba Baloba & Co. | The Health Officer. | For bigaries of all Wards. | March 1888. | 264 8 0 |

No. 1855. Considered and *recorded* memorandum No. 4225, dated 11th instant, from the Acting Municipal Commissioner, reporting that he has sanctioned the employment of a maistry, on a salary of Rs. 45 per mensem, from the 7th May 1888, to the completion of the work, for supervising the work of the construction of new chawl at Vehar ; the charge to be debited to the grant for the work.

No. 1856. On the application of the Acting Municipal Commissioner, made in his letter No. 4080, dated 8th instant, sanction was given to the transfer of Rs. 52, from savings in Section I., Establishment, Fire Brigade Budget, to Section II., Office Establishment, D, 'Cash Branch, Controller's Department Budget, to meet the cost of acting arrangement made during the absence of Mr. Byramji Sheriarji, Cashier, Controller's Office, on privilege leave for two months, from 1st June 1888.

No. 1857. On the application of the Acting Municipal Commissioner, made in his memorandum No. 3948, dated 6th instant, sanction was given, as a special case, to the payment of Rs. 9-3-3, to Mr. Peter Bastiato (Municipal pensioner) for wages as driver of a steam-roller, for 7 days, from 27th April to 3rd May 1888, both days inclusive, at Rs. 40 per mensem ; the charge to be debited to the grant for Section IV., maintenance of steam-rollers, carts, &c., B, Road Repairs, Engineer's Budget.

No. 1858. On the application of the Acting Municipal Commissioner, made in his memorandum No. 4086, dated 8th instant, sanction was given, under Section 90 of the Municipal Acts of 1872 and 1878, to the charging against the Tramway Company, of Rs. 10 per mensem, from 12th June 1888, for water drawn from the following places for drinking purposes :—

Byculla Bridge, Carnac Bridge, Parel Terminus, Bazaar Gate, Dhobi Talao, Elphinstone Circle, Portuguese Church, Wari Bandar, Grant Road and Pydhowni.

Read memorandum No. 1563, dated 7th instant, from the Clerk and Secretary, forwarding for favour of remarks by the Council, as per Resolution of the Corporation, 12th December 1887, petition, dated 5th instant, from residents of Banam Hall Lane.

No. 1859. *Resolved* : That the Corporation be informed that the Town Council have referred the petition to the Acting Municipal Commissioner for report in reference to the Corporation's Resolution No. 1648, dated 24th November 1887.

Read letter No. 4321, dated 12th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward a project with plan and estimate for the extension of the Bhuleshwar Market by adding 100 stalls on the north, buying up for this purpose seven houses, and to request the Town Council to recommend the Corporation to sanction that outlay of Rs. 1,61,641, to include the cost of land, purchase of buildings and erection of the market extension.

2. Of this sum Rs. 1,45,365, for the purchase of 742 square yards of land and buildings, required for the market, and for cost of the market buildings, should be debited to loan funds, and Rs. 16,276 for the remaining 126 square yards to be added to the roadway to preserve the regular line of the street, should be

At Rs. 129 per square yard including buildings to be demolished.

debited to the annual grant for street improvement. This set-back is required in ordinary course, and includes only the area which would have to be bought from private owners if they began to rebuild the houses abutting on the street.

3. The necessity for the extension of this market has long been recognized and the work should be no longer delayed ; the extension was approved of in Corporation Resolution No. 1601, dated 21st November 1887.

4. As the extension of the market along Bhuleshwar Road will effect a very much needed widening of the Bhuleshwar Road, I think it most desirable to continue the improvement line at once, as far as the Kalbadevi Road, taking up required portion at once from the south end of the long range of shops between 1st Bhoiwada Street and Kalbadevi Road (Bhendi Bazar).

The end of the chawl now blocks the entrance to Bhuleshwar Road, and if we were to take off 82 square yards from the end of it, the widening of that side of Bhuleshwar Road would be complete in a line with the present market and the proposed extension. This will involve a probable initial outlay of Rs. 37,752 as estimated by the Executive Engineer to buy up the whole house.

It is estimated that the remaining 61 square yards with the building thereon will be sold hereafter for at least Rs. 14,030, leaving Rs. 23,722 as the net cost of the improvement.

I have further to request sanction to the taking up of land required for the market and the street improvements by the Land Acquisition Act in the event of my failing to come to terms by private bargain with the owners of the land required.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Sir Henry Morland, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, subject to the sanction of the Government of India being given to the raising of the necessary Loan, the Corporation be recommended to sanction the following :—

No. 1860.

"1. The extension of Bhuleshwar Vegetable Market, by the addition of 102 stalls thereto, including the cost of acquiring 742 square yards of land and seven houses standing thereon, at an estimated cost of Rs. 1,45,365, for land and houses and the market building to the debit of Loan Account.

"2. Payment of advances on this account from available balances, such advances to be hereafter adjusted to the debit of Loan Account.

"3. Application being made to Government, by the Acting Municipal Commissioner, for the taking up, under the Land Acquisition Act, of the following plots of ground situate to the north and west sides of Bhuleshwar Road, and shown on the tracing marked A, dated this day,

accompanying the Acting Commissioner's letter No. 4321, dated 12th instant, required for the extension of the market and widening of the roadway.

Plot H., property of Kuver Natha, total value of both land and existing buildings, Rs. 6,786 ; Plot I., property of Jamnadas Tulsidas, total value of both land and existing buildings, Rs. 10,256 ; Plot J., property of Dayal Shamji, total value of both land and existing buildings, Rs. 15,544 ; Plot K., property of Manmohandas Parmanandas, total value of both land and existing buildings, Rs. 13,658 ; Plot L., property of Gungadhar Vizbhukandas, total value of both land and existing buildings, Rs. 25,029 ; Plot A., property of Nandram Khatav, total value of both land and existing buildings, Rs. 4,075 ; Plot M., property of Shivram Purshotam, total value of both land and existing buildings, Rs. 13,286 ; Total Rs. 88,634. *Add*—15 per cent. for compulsory possession, Rs. 13,295 ; Total Rs. 1,01,929. *Add*—10 per cent. contingencies, Rs. 10,193 ; Total Rs. 1,12,122.

"4. The purchase of ground required for the widening of Bhuleshwar Road, from the Market to Kalbadevi Road (Mombadevi), at an estimated initial cost of Rs. 37,752, of 143 square yards and the building thereon being part of the chawl, the property of Mr. Nusserwanjee Manokjee Petit, also situated on the north of the Bhuleshwar Road, of which 82 square yards, or thereabout, at an estimated cost of Rs. 23,722, will be added to the roadway, and the remaining 61 square yards will be available for future disposal.

"5. That, subject to the Corporation's sanction being given to the extension of the markets, as above, the Town Council sanction the taking up (1) of 126 square yards of the ground, or thereabout, at an estimated cost of Rs. 129 per yard, including buildings to be demolished, for the widening of Bhuleshwar Road and 2nd Bhoewada Road thereat ; and (2) of 82 square yards specified in para. 4. This charge to be debited to the grant for the improvement of streets."

*Carried.*

Considered letter, dated 10th December 1888, from Mr. K. M. Shroff, as follows :—

SIR,—I find that, in the proposed new works to be undertaken next year, no provision is made for any additional accommodation in that overcrowded Bhuleshwar Market where people are put to great inconvenience on account of limited space. Taking into consideration the very thick population of the district, I think it is highly desirable to extend that market as soon as practicable. At the same time I am aware that the two sites of the present market are occupied by buildings which it would be too costly to purchase and demolish for the purpose of obtaining increased accommodation. As for the two other sides, there is a pulic road in the front, and a public lane on one side. I would

therefore suggest the desirability of abandoning the present market site altogether, and building a new market in its vicinity in the 3rd Bhoiwada where there is a splendid open area at present covered by some common stabling sheds. The proposed site would be more central and convenient; and should the Town Council decide upon taking any action in the matter, I shall be glad to show the proposed site to the Municipal executives who may be asked to report upon the change of place. In my opinion the new site I refer to will be easy of access, not only to Bhuleshwar people, but to people living on the eastern part of that district.—I have, &c., K. M. SHROFF.

Read letter No. 3690, dated 1st instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—In reply to Town Council Resolution No. 1828 of 14th December 1887, I have the honour to report that I have visited the site recommended by Mr. Shroff, but cannot approve of it as it is only capable of accommodating about 150 stalls according to the Engineer's estimate, whereas we require over 200. It is further, not in nearly such a good position as the present Bhuleshwar Market, and the price to be gained by selling the present market is not so great as to be worth the sacrifice.

I beg to refer the Council to the project now sent in for the market extension.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Sir Henry Morland, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That Mr. K. M. Shroff be informed, in reply to his letter, dated 10th December 1887, that the new site for the Bhuleshwar Markets proposed by him is not approved of by the Town Council and the Acting Municipal Commissioner."

No. 1861.

*Carried.*

The following were laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 10th June 1888.*

Report of the A Police Division of fire in the cleaning department of the Bombay Cotton Press, Colaba, on the 31st May 1888 : damage Rs. 100.

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BOMBAY, *20th June* 1888.

AT the regular meeting of the Town Council, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANA-

* *See* Appendix **B.**

BHOY B. JEEJEEBHOY, Esq., RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 13th instant, were signed.

Read letter No. 4731, dated 20th instant, from the Acting Municipal Commissioner, as follows :—

SIR,—With a view of improving the registration of births in the city, I have, in consultation with the Health Officer, come to the conclusion that a fee of annas four should be offered to any midwife or any person, including Municipal employés (except Registration karkoons), who gives information of a birth not already registered. I think if this suggestion is adopted by the Town Council the birth registration will be considerably improved, as it would be an inducement to the Ward staff to make enquiries in this respect whilst engaged in their ordinary duties. The charge on this account will, for the present, be met out of the Registration Grant—any excess to be met by transfer hereafter from savings under other heads.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Sir Henry Morland—

"That sanction be given to the proposal, made by the Acting Municipal Commissioner, in his letter No. 4731, dated 20th instant, for the payment of a fee of annas four to any midwife or any person, including Municipal employés (except Registration karkoons), who gives information of a birth not already reported or registered."

No. 2180.

*Carried.*

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 2181.—3·89 square yards, or thereabout, at Nos. 639—647, Dongri Street, at the rate of Rs. 45 per square yard. (In this case, the application for permission to rebuild is made by Mr. Ebrahim Vulee.)

No. 2182.—239·20 square yards, or thereabout, at Gamdevi Road, at the rate of Rs. 7 per square yard. (In this case, the application for permission to build is made by Mr. Gokuldas Dewji.)

No. 2183.—4·99 square yards, or thereabout, at No. 45, Ghoga Street, at the rate of Rs. 15 per square yard, *plus* Rs. 121-5-6, as compensation for the structure standing

on the ground to be so taken up. (In this case, the application for permission to rebuild the front wall of his house, is made by Khan Bahadur Jamsetjee Dhunjibhoy Wadia.)

No. 2184.—16·52 square yards, or thereabout, at Kalbadevi Road, at the rate of Rs. 60 per square yard. (In this case, the application for permission to rebuild is made by Mr. Lukhmidass Bhimjee.)

No. 2185.—10·77 square yards, or thereabout, at Nos. 7-9, Kamathipura 2nd Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to raise a story over house, is made by Mr. Morlidhur Kutchoo.)

No. 2186.—12·03 square yards, or thereabout, at Oomerkhari Street, at the rate of Rs. 20 per square yard. (In this case, the application for permission to build is made by Mr. Peerbhai Damji.)

No. 2187. *Ordered:* That the following be referred to the Acting Municipal Commissioner, in continuation of this office No. 1862, dated 14th instant:—Letter, dated 14th instant, from Messrs. Thakurdas, Dharamsi and Cama, on behalf of Mr. Kessowjee Poonja, asking that the rate of compensation, sanctioned by the Town Council, in their Resolution No. 1906, dated 16th March 1887, for the 42·32 square yards, or thereabout, of ground, taken from their client for the improvement of new Bengalpoora Street, may be increased, from Rs. 10 to Rs. 35 per square yard, and that the amount so due may be paid without further delay.

No. 2188. The seal of the Corporation was affixed to deed of contract with Messrs. Moosabhoy Adumjee and Son, for the supply of stationery and drawing materials during the year 1888-89, at schedule rates.

The seal was affixed to 11 renewal of old bonds of the Drainage Loan of 1878, Nos. 1539 to 1549, both inclusive.

On the motion of Colonel Merewether, seconded by Muncherjee Nowroji Banajee, Esq., it was

No. 2189. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 4454, dated 15th instant, sanction be given to the acceptance of the tender of Messrs. Fakirji Pestonji and Ebrahim Hadji Mahomed, the lowest of three tenders received, for erecting ventilating shafts in the first Drainage Section, at a cost of Rs. 39,344-0-6, *plus*

Rs. 5,901-9-7, for cost of contingencies at 15 per cent.—total Rs. 45,245-10-1 ; and to the employment of supervising staff, as follows :—1 inspector at Rs. 80 per mensem ; 2 surveyors at Rs. 50 each per mensem ; and 1 clerk at Rs. 20 per mensem ; and 6 lascars at Rs. 10 each per mensem. The cost of this staff to be debited to the grant for contingencies provided for the work.

Read memorandum No. 4690, dated 18th instant, asking the Council's sanction to the acceptance of Messrs. John Fleming & Co.'s tender, for the supply of fire engines for Fire Brigade, and to the transfer of Rs. 2,356, to meet excess in the cost of these articles.

Proposed by Sir Henry Morland, seconded by Javerilal Umiashunker Yajnik, Esq.—

"That sanction be given to the acceptance, by the Acting Municipal Commissioner, of the tender of Messrs. John Fleming & Co., the lowest of three tenders received, for the supply of two Shand and Mason's No. 1 London Brigade vertical steam fire engines for the Fire Brigade, at a cost of Rs. 18,356, including fittings, hose, &c., complete.

No. 2190.

"That sanction be given to the transfer of Rs. 2,356, from the grant of Rs. 7,000, provided in the Budget, for new stations and appliances, to the grant of Rs. 16,000, for new charges on account of the Fire Brigade, same Budget, to meet excess in the cost of the two engines."

*Carried.*

Read letter No. 4691, dated 19th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the acceptance of Messrs. John Fleming & Co.'s tender for the supply of Fire Brigade stores.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That sanction be given to the acceptance, by the Acting Municipal Commissioner, of the tender of Messrs. John Fleming & Co.—the lowest of three tenders—received for the supply of 103 lengths patent stout tanned canvas India-rubber lined delivery hose, $2\frac{1}{2}$" bore in 60 feet lengths, without couplings, 8 lengths suction hose of vulcanized India-rubber canvas, interlaid with gun-metal couplings in 13 feet lengths, and other stores for the Fire Brigade, at a total cost of

No. 2191.

Rs. 7,767, to the debit of Section VII., cost of stores, Fire Brigade Budget for 1888-89."

*Carried*.

No. 2192. Read and *recorded* memorandum No. 4439, dated 14th instant, from the Acting Municipal Commissioner, reporting that he has accepted the tender of Messrs. Richardson and Cruddas, for the execution of the work of planing flanges and drifting bolt-holes in connection with the water works at schedule rates.

On the motion of Colonel Merewether, seconded by Surgeon-Major Waters, it was—

No. 2193. *Resolved*: That, as applied for by the Acting Municipal Commissioner, in his letter No. 4491, dated 15th instant, sanction be given to the payment of Rs. 20 per mensem, to meet the amount of increase of pay—(1) Rs. 10 per mensem, to the Store Clerk in charge of the Bellasis Bridge Pipe Depôt, the charge to be debited to the savings in the pay of Inspector of Drains, lately split up, as per Town Council's Resolution No. 2627, dated 22nd March 1888; and (2) Rs. 10 per mensem, to the Road Clerk, the charge to be debited to Section II, Road Repairs, Engineer's Budget.

No. 2194. On the suggestion of Surgeon-Major Waters, it was agreed that, for the future the term "sullage" should be used after the word "house" and before the word "connection."

Read letter No. 4763, dated 20th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to ask sanction to the transfer of Rs. 19,046-14-4, from savings in the sanction for the construction of the ovoid sewers in Argyle Road, to the grant for carrying out departmentally the house connection work in the Khetwady District.

2. The Town Council sanction in their Resolution No. 2074, dated 24th March 1886, a sum of Rs. 66,433. This sum was based on the estimate prepared in 1881, but by an error the estimate only included an item of Rs. 3,163 as 15 per cent. contingencies, although that sum only represented 5 per cent., leaving a deficiency of Rs. 5,776.

But in the 7 years since then, a large number of additional houses have been built, which were not in existence when the estimate was prepared for the Khetwady Section. From these two causes, the actual cost of the work will exceed the sum sanctioned by the Town Council.

3. It will be observed that the sanctioned *rates* have not been exceeded, *i.e.*, had the numbers of houses and nahanies remained the same as in 1881, there would have been no excess over the estimates.

4. Work to the value of Rs. 1,500, at Khetwady rates, will be done by the contractor for the Queen's Road and Girgam section, as properly belonging to it, though included for the sake of the boundary line, in the Khetwady section and work costing actually departmentally Rs. 12,249 has already been done, though included in the estimates for the Queen's Road and Girgam section.

Had this latter work remained to be done by the contractor for the Queen's Road and Girgam District, the cost at his rates would have been Rs. 15,189. There has thus been a saving of Rs. 2,940 on this as compared to the contractor's rates—and this sum will, therefore, appear as a saving on the sanctioned contract for the Queen's Road and Girgam section.

The accounts for the work for Khetwady will be then—work already done, Rs. 73,108-14-4; work in progress, Rs. 5,095-0-0; total Rs. 78,203-14-4.

The original sanction of the Town Council was Rs. 60,657, exclusive of 10 per cent. establishment, and of this, as above explained, work to cost Rs. 1,500 has been handed over to the Queen's Road and Girgam section.

Deducting this, the sanctioned grant remaining for Khetwady is Rs. 59,157, leaving the excess over the grant Rs. 19,046-14-4.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Colonel Merewether, seconded by the Chairman, it was—

No. 2195.

*Resolved:* That sanction be given to the transfer of Rs. 19,046-14-4, from savings in the sanction for the construction of the ovoid sewer in Argyll Road, to the grant for carrying out departmentally the house connection (sullage water) work in Khetwady, to meet excess over the estimate prepared in 1881, in which, by error, the 15 per cent. contingencies for the work was entered at Rs. 5,776 less than the actual amount, and to meet additional charges for connecting houses which were not in existence when the estimates were framed.

Read letter No. 4692, dated 19th instant, from the Acting Municipal Commissioner, to the Secretary, stating that he considers it necessary to increase the number of clerks in the office of the Executive Engineer by employing one man on Rs. 30 and one on Rs. 20 per mensem, and by employing a head clerk and accountant on Rs. 80, and two clerks on Rs. 50 and Rs. 25 for the Water Works branch. The charge this year to be met by a saving of Rs. 50 on the salary of the present head clerk who draws Rs. 200; and who being quite past work will be placed on pension, his successor to receive Rs. 150 per mensem only. The cost this year for the increased staff in the Water Works can be met from savings in Section I.,

Water Works Budget. This arrangement will add five clerks to the permanent staff.

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

"That the sanction be given to the following alteration in the Executive Engineer's Office, consequent on the retirement of the present Head Clerk who draws Rs. 200 per mensem, (Budget Section 2A. correspondence, Notices and Record, Engineer's Department) :— Head Clerk at Rs. 150, and 2 Clerks at Rs. 20 and Rs. 30 per mensem, in place of Head Clerk at Rs. 200 per mensem. The charge for the current year to be met from savings on the pay of the present Head Clerk.

No. 2196.

That sanction be also given to the employment of three additional clerks as follows, for the Water Works branch, at a cost of Rs. 155 per mensem:—1 Head Clerk and Accountant at Rs. 80, one Clerk at Rs. 50, one ditto at Rs. 25. The cost to be debited for the current year to savings in Section I., Establishment, Water Works, Engineer's Budget."

*Carried.*

On the application of the Acting Municipal Commissioner, made in his memorandum No. 4437, dated 14th instant, sanction was given, under Section 90 of the Municipal Acts of 1872 and 1878, to the charging of 8 annas per 1,000 gallons for water supplied to the properties (No. 1215, dining place ; No. 1216, dining place and Agiary ; No. 1217, Bangalow ; No. 1218, residence of person in charge), known as "Allbless Baug."

No. 2197.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 4436, dated 14th instant, sanction was given, under Section 135 of the Municipal Acts of 1872 and 1878, to a suit being filed in the Court of Small Causes against Captain H. M. Slater, for the recovery of Rs. 15, being the balance of the sum of Rs. 23, due by him in respect of wheel-tax for the quarters ending 31st March and 30th June 1886.

No. 2198.

*Ordered :* That the following be referred to the Acting Municipal Commissioner, in continuation of this office No. 1870, dated 16th instant :—Letter, dated 16th idem, from Mr. L. F. D'Souza, complaining of the nuisance caused by the overflow of a cesspool at Matharpakadi.

No. 2199.

It was agreed that the following be circulated to the members of the Council:—

No. 2200. Memorandum No. 4407, dated 14th instant, from the Acting Municipal Commissioner, forwarding, with reference to the Town Council's Resolution No. 102, dated 11th April 1888, the following returns:—(1) from the Health Officer, showing the death-rate in each district during the past 10 years; (2) from the Acting Executive Engineer, showing the districts provided with sewers during that period.

No. 2201. On the application of the Acting Municipal Commissioner, made in his memoranda, Nos. 4565, 4566, and 4567, dated 18th instant, sanction was given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of special halalkhor service as follows :—

(1) Government Central Press, Marine Street, Fort, at Rs. 34-8-0 per mensem, from 16th April 1888 ; (2) house at Baboola Tank Road, owned by Mr. Kurimbhoy Allibhoy, at Rs. 17-4-0 per mensem, from 4th June 1888 ; and (3) Clydesdale Dyeing and Manufacturing Company, Mahim, at Rs. 34-8-0 per mensem, from 3rd June 1888.

Considered memorandum No. 4455, dated 15th instant, from the Acting Municipal Commissioner, to the Town Council, forwarding with reference to the Corporation's Resolution No. 1590, dated 17th November 1887, letter 2273 D, dated 11th instant, from the Acting Executive Engineer, as follows ; and stating that the main point of difference seems to be that, in carrying out the work, considerably less rock was met with than was anticipated when the estimate was framed :—

SIR,—With reference to your No. $\frac{13167}{8\text{-}12\text{-}87}$ and No. $\frac{3870}{4\text{-}6\text{-}88}$, I have the honour to report that, in accordance with your instructions, I applied to the Port Trust Engineer for the particulars which were wanting to enable me to reply satisfactorily to memo. No. $\frac{1146}{9\text{-}9\text{-}87}$ of the Clerk, Municipal Corporation.

I have, however, been unable to obtain information on some very important points.

As regards the Mody Bay pipe sewers, I am informed that an estimate amounting to Rs. 23,827 was prepared by the Engineer, Port Trust, upon the specification and quantities furnished by this office, except that house connection work was omitted ; but I have not been favoured with the details of the estimate.

It is important to observe that the Engineer, Port Trust, omitted altogether the cost of house connection work, which in this office estimate, including 15 per cent. contingencies, amounted to something over Rs. 9,000.

I have not been informed what percentage was allowed for contingencies, or what was the cost of the supervising establishment.

In reply to my request to be furnished with a final Bill of Quantities of work actually done, I am merely informed that the actual cost of work has not yet been taken out as it is hardly completed, the ventilating shafts not having been erected, and a small quantity of the work still remaining to be finished. The actual cost to 31st December 1887, is said to have been Rs. 15,291.

From casual observation of the work during its progress, I am confident that but little, if any, rock was met with in the excavation, although this office estimate had provided Rs. 11,000 for this item.

It may be taken as certain that whatever savings were effected by the Port Trust Engineers would have been similarly effected by the Municipality if the latter had carried out the work.

As regards the avoiding of drains in the Elphinstone Estate to the west of Frere Road, I am informed that the actual quantity of work done was not recalculated as the plan was followed exactly.

It must be evident that actual work done frequently (not to say generally) differs from previously prepared plans to a greater or less degree and in Municipal works, whether carried out departmentally or by contract, the actual work done is invariably measured up and recalculated after completion.

I am aware that in the actual work concrete was substituted for brickwork in hydraulic mortar which I had estimated for, and therefore although the plan may have been followed exactly, the items of the quantities were not strictly adhered to. Whether or not the substitution of concrete effected a saving of cost, depends on the composition and proportions, but I am not informed on this subject in anywise.

Although I have enquired what was the cost of the supervising establishment, yet all the information I have been able to obtain on this point is the number of persons employed without particulars of their pay or the time they were engaged.

In this office No. $\frac{3753}{12\text{-}10\text{-}87}$, it is pointed out that the comparison drawn in Major Selby's notice of motion (adopted by the Corporation under their No. $\frac{1590}{17\text{-}11\text{-}87}$, is unfair, the figures therein given being respectively Rs. 64,550 and Rs. 29,698, and that the comparison is only fair when taken between this office estimate of Rs. 43,066, and the Port Trust Engineers anticipated final outlay of Rs. 31,938.

The difference is, after all, merely between estimates, and there is no reason to suppose for a moment that the Municipality would not have been able to carry out the actual work as cheaply as the Port Trust.

I need scarcely remind you that in works carried out departmentally by the Municipality, there is invariably a saving upon the rates on which the office estimate has been previously based.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

*Resolved:* That the papers regarding the relative cost of
No. 2202. Drainage Work constructed by the Port Trust and the Municipality, received with the Acting Municipal Commissioner's memorandum No. 4455, dated 15th instant, be forwarded to the Corporation with reference to its Resolution No. 1590, dated 17th November 1887.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 17th June 1888.*

Report of the B Police Division of fire in a bullock shed at Chinch Bandar Road, on the 5th instant: damage Rs. 300.

In reply to Mr. Javerilal Umiashankar Yajnik, the Acting Municipal Commissioner said the experiments with the trial-pits, Malabar Hill Reservoir, are still going on.

A letter, dated 19th instant, from Mr. Ebrahim Vulibhoy,
No. 2203. objecting to the transfer in the Assessment book of the property at Rs. 35, Mirza Alli Mahomedkhan Street, was referred to the Acting Municipal Commissioner, in continuation of this office No. 1075, dated 14th May 1888.

The consideration of the list of "Outstanding Business," 1st June 1887, was proceeded with.

"Letter, dated 26th October 1887, from Mr. Gunpat Manickjee, asking the Council's sanction, under Section 241 of the Municipal Acts of 1872 and 1878, to the establishment of a private market at Ghorupdeo Road. The Acting Municipal Commissioner asked to inquire whether, in the event of this application being granted, Mr. Gunpat Manickjee will be prepared to carry out all the requirements laid down by the Acting Municipal Commissioner—16th November 1887."

The applicant was written to by the Acting Municipal Commissioner in December last, and informed fully of the Municipal requirements in the matter and asked to state whether he was prepared to undertake to pay for the removal of sullage water, &c. Up to date applicant has not replied.

No. 2204. This item was, therefore, *struck out.*

"The Acting Municipal Commissioner asked to obtain from the Health Officer, a return of the death-rate in each

* *See* Appendix B.

district during the past 10 years, an asterisk being placed against such of the districts as have been drained and sewered during that period—11th April 1888."

No. 2205. *Struck out*, as disposed this day by the presentation of certain returns.

"Letter, dated 23rd April 1888, from Messrs. Mansuklal and Damodar, stating that Mr. Ghellabhai Haridas accepts the rate of Rs. 5 per square yard, for the 10·72 square yards, or thereabout, of ground taken up for the improvement of Chowpati Road in the year 1885, but declines to accept the Rs. 8 per square yard offered for the 62·22 square yards, or thereabout, now to be taken up from the same property. Referred to the Acting Municipal Commissioner for favour of report—25th April 1888."

Read memorandum No. 4758, dated 20th instant, from the Acting Municipal Commissioner, stating that nothing can be done in this matter as the owner is not rebuilding and will not come to terms. The owner, however, will not be able to build over the ground required for street improvement.

No. 2206. It was agreed that this item be *struck out*, and that Messrs. Mansuklal and Damodar be informed accordingly.

"The Acting Municipal Commissioner asked to present to the Council monthly, a return showing the amount expended from the grant of Rs. 20,000 sanctioned for the erection of latrines and urinals during the preceding month, and the nature of the work performed—23rd May 1888."

No. 2207. *Struck out*, as the Acting Municipal Commissioner promises to furnish a monthly return for the future.

"Letter, dated 14th March 1888, from Mr. Ebrahim Nooroodin, praying that he may be paid Rs. 20 per square yard for the land taken up from him for the improvement of Jail Road, east. Referred to the Acting Municipal Commissioner on the 14th March 1888 (No. 2568)."

Read memorandum No. 4760, dated 20th instant, from the Acting Municipal Commissioner, recommending the Council to sanction the rate being increased from Rs. 5 to Rs. 12 per square yard, which increased rate the Council now sanctioned.

It was agreed that Mr. Ebrahim Nooroodin be informed
No. 2208. accordingly, and that the item be *struck out.*

"Letter, dated 17th March 1888, from Mr. Keekabhoy Sumsoodin, asking that he may be paid Rs. 15 per square yard, for the land taken up from him for the improvement of Dhunjee Street, plus compensation for compound wall, &c., standing on the ground so taken up. Referred to the Acting Municipal Commissioner on the 23rd March 1888 (No. 2672)."

*Struck out*: As already disposed of (*see* Town Council's
No. 2209. Resolution No. 1849, dated 13th June 1888).

"Letter, dated 4th May 1888, from Mr. Esmailji Taibali, objecting to the raising of a house at No. 153, Mutton Street. Referred to the Acting Municipal Commissioner, on the 7th May 1888 (No. 992)."

Read memorandum No. 4759, dated 20th instant, from the Acting Municipal Commissioner, stating that the Municipality can take no action in the matter, as the party complained against is raising a story only.

It was agreed that this item be *struck out*, and that in
No. 2210. reply to his letter, dated 4th May 1888, Mr. Esmailji Taibali be informed that the Municipality cannot take any action in the matter.

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BOMBAY, 27*th June* 1888.

AT the regular meeting of the Town Council held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

The minutes of the meeting held on the 20th instant, were signed.

On the recommendation of the Acting Municipal Commissioner, sanction was given to the taking up, at Rs. 25 per square yard, of the following piece of ground required for the improvement line of street:—

No. 2505.—1·66 square yards, or thereabout, at No. 70, Dhunji Street (formerly Dhunji Dongria Street). (In this

case, the application for permission to rebuild is made by Mr. Nusserwanji Pestonji.)

Sanction was also given to the taking up of the following pieces of land required for the improvement lines of streets:—

No. 2506.—61·53 square yards, or thereabout, at Sindi Lane, between Khetwadi Main Road and Falkland Road, at the rate of Rs. 5 per square yard. (In this case, the application for permission to build is made by Sheik Ahmed Sheik Dawood).

No. 2507.—91·05 square yards, or thereabout, at Nos. 175-177, Ghorupdeo Road, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Mr. Gunput Manekji.)

No. 2508.—38·44 square yards, or thereabout, at Portuguese Church Street, Mahim, at the rate of As. 12 per square yard, *plus* Rs. 104-10-0, as compensation for compound wall standing on the ground so taken up. (In this case, the application for permission to rebuild is made by Sitabai, wife of Mr. Ramchundra Bhikaji.)

No. 2509.—5·33 square yards, or thereabout, at Nos. 176-178, Tandel Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild a greater portion of his house, is made by Mr. Kashembhai Moosa, Manager to H. H. Aga Sultan Shah.)

*Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 4899, dated 22nd instant, the rate of compensation, sanctioned by the Town Council, in their Resolution No. 2456, dated 7th March 1888, for the 23·25 square yards of ground, or thereabout, taken up from Mr. Moreshwar Hurichund for the improvement of Dammar Lane, be increased from Re. 1-8 to Rs. 5 per yard.

No. 2510.

Read letter No. 4916, dated 22nd instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—As the Corporation at their meeting yesterday have sanctioned the purchase of Mr. Byramjee Jeejeebhoy's land on the Flats, I have the honour to request that the Town Council will now, in terms of their Resolution No. 1055 of 9th May, authorise me formally, under Section 293 of the Act, to acquire the ground under the terms of the Land Acquisition Act.

As the matter is urgent, I have in anticipation of the former sanction addressed Government on the subject of taking up the property in the usual way.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Sir Henry Morland—

"That, in accordance with their Resolution No. 1055, dated 9th May 1888, the Town Council now approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that two plots of ground situate on the Flats, admeasuring 93,755⅔ square yards, or thereabout, shown in yellow colour on the tracing* marked C, dated 9th May 1888, and belonging to Mr. Byramjee Jeejeebhoy, C.S.I., are required by the Municipality for a public purpose, namely, the deposit of town sweepings."

No. 2511.

*Carried.*

The seal of the Corporation was affixed to deeds of conveyance—

From Mr. Venayek Jotiram Vithoba, of ground taken up for the improvement line of Pathan Second Street. (The Acting Executive Engineer, in his letter No. 3204B, dated 23rd June 1888, to the Acting Municipal Commissioner, states that 21·64 square yards of ground only were taken up in this case, being 1·05 square yards less than the area, 22·69 square yards, sanctioned by the Council on the 8th June 1887.

No. 2512.

From Mr. Keshowrao Bhaskerji, of ground taken up for the improvement line of Cathedral Street. (The Acting Executive Engineer, in his letter No. 3202, dated 23rd June 1888, to the Acting Municipal Commissioner, states that Mr. Keshowrao Bhaskerji is the proper person to receive compensation in this case, not Mr. Madhowrao Bhaskerji, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 751, dated 20th May 1879.)

No. 2513.

The seal was affixed to deeds of contract—

With Messrs. Dadabhai Hormusjee & Co., for the supply of coal and coke, during the year 1888-89.

No. 2514.

With Mr. Abdul Ali Kurimbhai, for the supply of petty stores, during the year 1888-89, at schedule rates.

No. 2515.

* Filed in supplement to Minute Books marked "A".

No. 2516. With Mr. Abdul Ali Kurimbhai, for the supply of hardware, during the year 1888-89, at schedule rates.

No. 2517. With Mr. Bhomaji Shivaji, for lighting, extinguishing, cleaning, &c., kerosine oil lamps during the year 1888-89.

No. 2518. With Messrs. Fakirjee Pestonjee and Ebrahim Hadji Mahomed, for the supply of timber, during the year 1888-89.

No. 2519. With Messrs. Fakirjee Pestonjee and Ebrahim Hadji Mahomed, for annual repairs to Municipal buildings, petty works and supply of building materials during the year 1888-89.

No. 2520. With Messrs. M. Rahimtula Bhaijibhai & Co., for laying water mains in Pydhoni and other places.

No. 2521. With Messrs. Littlewood and Dadabhoy, for the supply of road metal, during the year 1888-89.

No. 2522. With Messrs. Richardson and Cruddas, for the supply of metal castings, during the year 1888-89, at schedule rates.

No. 2523. With Mr. Hari Shridar, for the supply of labour and certain articles for the extension of Erskine Road market.

No. 2524. With Mr. Ardashir Framji for the continuation of the existing catch-water channel on the west side of Vehar Lake.

No. 2525. With Messrs. Vishnu Narsingrao & Co., for the supply of bullocks and carts, during the year 1888-89.

No. 2526. With Mr. Bhomaji Shivaji, for the construction of fountain at Hornby Vellard.

No. 2527. With Mr. Nowroji Jehangir Gamadia, for the supply of earth to cover kutchra deposits.

No. 2528. Considered and *recorded* memoranda Nos. 4581 and 4898, dated 18th and 22nd instant, from the Acting Municipal Commissioner, reporting

under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases and sales:—

| Supplies, &c. | Sales, &c. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. Rs. a. p. |
|---|---|---|---|---|---|---|
| Medicines .. | .... | Messrs. Kemp & Co. | The Executive Engineer, Tansa Water Works. | For Tansa Staff. | March 1888.. | 13 8 0 |
| 4 India-rubber suction and delivery valves, and three lip India-rubber valve, for No. 4 Pulsometer. | .... | Mr. F. W. Shallis. | Do. .. | .... | Jan. 1888 .. | 36 8 0 |
| 3,000 lbs. Beef and 180 lbs. Mutton, at 16 lbs. and 7 lbs. per rupee, respectively. | .... | Sha Mahomed Sheroofbhoy. | The Acting Executive Engineer. | For animals, Victoria Gardens. | April 1888.. | 213 3 5 |
| .... | 3 cart-loads manure at Re. 1 per cart-load. | Municipality. | Mr. Merwanji Rustomji. | .... | June 1888 .. | 3 0 0 |
| .... | 5 Do. do. | Do. .. | Mr. Sorabji Navaroji Cooper. | .... | Do. .. | 5 0 0 |
| .... | 2 Do. do. | Do. .. | Mr. E. Cannon. | .... | Do. .. | 2 0 0 |
| .... | 1,203 cart-loads detritus at pies 9 per cart-load. | Do. .. | Hadji Essa HadjiFuzla | .... | Do. .. | 56 6 3 |
| .... | Hide of an unfit meat-van bullock destroyed. | Do. .. | .... | .... | Do. .. | 4 8 0 |
| .... | 240 cart-loads earth from Fort Drainage at anna 1 per cart-load. | Do. .. | Mr. Bhowani Nagoji. | .... | Do. .. | 15 0 0 |
| .... | 6 ditto manure at Re. 1 per cart-load. | Do. .. | Dr. H. P. Yeld. | .... | Do. .. | 6 0 0 |
| .... | 2 do. do. | Do. .. | Mr. Framji D. Badhurji | .... | Do. .. | 2 0 0 |
| .... | 1 do. ashes at ditto. | Do. .. | Mr. J. M. Campbell. | .... | Do. .. | 1 0 0 |
| .... | 5 do. manure at ditto. | Do. .. | Mr. Rustomji Merwanji Patel. | .... | Do. .. | 5 0 0 |

No. 2529. Read and *recorded* letter No. 5040, dated 25th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to the case of rating of the Panday Sanitarium, I have the honour to report for the information of the Town Council that upon the application made by the Municipal Solicitors as directed in your Resolution No. 2735, dated 27th March last, being brought on

for hearing on the 20th instant, in the High Court before Mr. Justice Birdwood and Mr. Justice Parsons, their Lordships held that the High Court have no jurisdiction to interfere with the decision of the Chief Presidency Magistrate in this matter.

The case will have, therefore, to be tried under the New Act as an appeal from the decision of the Small Cause Court, if that Court decides against the Municipality.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 2530. *Resolved:* That sanction be given to the transfer of Rs. 7,224, from savings—(1) in Section I, Inspectors, &c., Miscellaneous Drainage; (2) in Section I, Establishment, maintenance of Love Grove Pumping Station; (3) in Section II, A, D, E, & F, Gas lighting, and III, A & B, kerosine oil lighting, Engineer's Budget; (4) in Section II, Labor, including feed of cattle, Conservancy Branch, Health Department Budget, to the grant for special provision for cleaning, lighting, and repairing Port Trust Wharves, to meet the cost of lighting Prince's Dock with 37 lamps to the end of the current year.

On the motion of Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq., it was—

No. 2531. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his letter No. 5255, dated 27th instant, the Corporation be recommended to sanction the expenditure of Rs. 70, to provide for the cost of a patent portable fan forge, for the Municipal Workshops; the cost to be debited to the Workshops for the current year.

Read letter No. 5028, dated 23rd instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—In forwarding herewith copy of letter, dated 15th instant, from the Honorary Secretary, Bombay Natural History Society, with copy of the accompaniment, I have the honour to state that the proposal made by the Society has my hearty approval. At present we do not possess a staff with sufficient knowledge of Natural History to enable us to maintain the animals in proper condition, and each additional animal means additional cost in feed, cages and supervision. From a financial point of view, therefore, it will be decidedly to the advantage of the Municipality to hand over our animals and cages, and to pay to the Natural History Society a fixed annual sum based on our present charges, whereby we may escape extra expenses in future connected with the maintenance of fresh animals. The only proviso necessary would seem to be that, in case of the dissolution or bankruptcy of the Natural History Society, an equivalent number of animals and cages should be restored to the Municipality.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Letter, dated 15th instant, from the Honorary Secretary, Bombay Natural History Society, to the Acting Municipal Commissioner, as follows :—

SIR,—I have been requested by the Committee of the Bombay Natural History Society to send you the enclosed copy of a letter, dated to-day, which I have addressed to the Collector of Bombay on the subject of a site for a proposed Zoological Garden in Bombay. The Committee are about to lay before the members of the Bombay Natural History Society some definite proposals, but before doing so they would like to know to what extent the Municipality would be disposed to co-operate with them in carrying out so desirable a project. I am instructed to say that, if the Municipality would agree to hand over to this Society (in the event of their obtaining the site) the specimens now kept in the Victoria Gardens, with the cages, building material, &c., and to make an annual contribution of a sum equal to the amount now spent in maintaining the animals, the Committee of the Society would, in return, propose that, for the benefit of the poorer ratepayers, the Society should bind itself never to charge more than 1 anna for adults and ½ anna for children, as an entrance fee into its garden *on all recognised native public holidays*. You will observe that the site which the Committee hope to obtain, and which they consider to be most suitable for Zoological Gardens and Aquaria, is the piece of vacant land at Chowpatty and the ground which extends up the side of the hill to the edge of the cliff. The narrow strip of ornamental land, between the road and the edge of the cliff, would not be required, and the Society would engage not to obscure the view in any way from the road.—I have, &c.,—H. M. PHIPSON, Honorary Secretary, Bombay Natural History Society.

Letter, dated 15th instant, from the Honorary Secretary, Bombay Natural History Society, to the Collector of Bombay, as follows :—

SIR,—I have been requested by the Committee of the Bombay Natural History Society to ask you whether the Government of Bombay would be disposed to assist the Society in forming a Zoological Collection and Aquarium by placing at its disposal a piece of land free of rent and taxes for that special purpose.

2. The principal reasons which have induced the Committee to make the above request, are the following :—

I. The number of valuable and interesting specimens of live animals which are constantly being offered to the Society by its members from all parts of the country, but which, owing to want of accommodation, the Committee are unable to accept.

II. The great interest which the inhabitants of this country take in such collections and the importance of imparting a more accurate knowledge regarding the fauna of India and adjacent countries, regarding which the ignorance of the people is so great.

III. The desire on the part of the Committee of this Society to facilitate and promote scientific investigation regarding the habits of tropical animals, birds and fishes kept under favourable conditions for observation.

IV. The importance of increasing and improving the supply of fish (both fresh and salt water) and other important articles of food.

V. The necessity of encouraging the acclimatization and domestication of various birds and animals, and the importance of improving the indigenous breeds of cattle and farm-stock in this country.

3. The few specimens of animals at present kept at the Victoria Gardens, Byculla, are not in a satisfactory condition, but in the opinion of the Committee the Municipality cannot be expected to incur any considerable expenditure in maintaining a zoological collection at the cost of the rate-payers.

4. The Bombay Natural History Society, although it was started only in 1883, is a flourishing and growing institution, with 420 members, and the Committee are confident that, if Government will grant them a suitable site, they will be able in a few years to form a zoological collection which, besides being a credit to the City, will become an important educational factor amongst the more intelligent part of the native community.

5. The Committee count on the support of the Municipality of Bombay in carrying out its project, and would be prepared in return to enter into an agreement for the benefit of the poorer rate-payers, never to charge more than one anna entrance fee for adults, and half anna for children, on all recognised public native holidays.

6. The site which, in the opinion of the Committee is best suited for the purpose of a Zoological Garden and Aquarium, is the Chowpatty cliff, extending from the footpath leading up the hill, on the right (formed by main water pipe) to the Siri Road on the left, including the vacant land at the foot of the hill. This land appears to be of little value for building purposes but, owing to its being protected from the strong sea winds and being at the same time close to Back Bay, it possesses the particular advantages for a zoological collection and for the erection of fresh and salt water aquaria which the Committee consider to be of so much importance.

7. The Society would also be glad if Government would allow them to rent the two bungalows which stand on the piece of land in question facing the old Chowpatty Road.

8. I enclose a rough sketch of the ground which the Society desire (marked with blue lines on the plan) and attach a list of the present office-bearers and Managing Committee.—I have, &c., H. M. PHIPSON, Honorary Secretary.

PRESIDENT.—H. E. the Right Honorable Lord Reay. MANAGING COMMITTEE.—The Honorable Mr. Justice Birdwood (*Vice-President*); Dr. G. A. Maconachie (*Vice-President*); Dr. D. MacDonald (*Vice-President*); Colonel C. Swinhoe; Revd. Fr. Dreckmann, S. J.; Dr. T. S. Weir; Dr. Kirtikar; Mr. J. H. Steel, A. V. D.; Mr. G. W. Vidal, C. S.; Mr. W. F. Sinclair, C. S.; Dr. Edith Pechey; Major W. S. S. Bisset, R. E.; Lieut. H. E. Barnes; Mr. J. C. Anderson; Mr. E. L. Barton; Mr. A. Leslie (*Honorary Treasurer*); Mr. H. M. Phipson (*Honorary Secretary*).

Moved by Rao Saheb Vishvanath Narayan Mandlik, seconded by Cowasjee Hormusjee, Esq.—

"That the papers now read regarding the proposed transfer of the zoological collection belonging to the Municipality,

together with the cages and building materials, forming part of the same, to the Bombay Natural History Society, be referred to the Corporation with the expression of the Town Council's opinion that, if the scheme meets with the approval of the Corporation, the terms on which the transfer should be made, are as follows:—

"That the collection, cages, &c., be made over as they stand to the Society free of charge, together with such gift in money as may be thought proper; but that no annual or other contribution shall thereafter be paid by the Municipality to the funds of the Society."

On the motion of Sir Henry Morland, seconded by Colonel Merewether, it was agreed to postpone the consideration of this question until next meeting.

*Ordered:* That the following be laid on the table:—

No. 2532. Letter, dated 22nd instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for May last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

Considered and *recorded* Progress Reports up to the end

No. 2533. of March 1888, of new works now in course of construction.*

On the motion of Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq., it was—

*Resolved:* That the Acting Municipal Commissioner be

No. 2534. requested to furnish the Council with (1) statement showing the entire expenditure on the Malabar Hill Reservoir from the commencement of the project up to date, including the cost of land and of the construction and roofing of the Reservoir under separate heads, and (2) separate statement showing the cost of making the ornamental gardens and the cost of the maintenance of the gardens.

The following were laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 24th June 1888.†

Report of the C. Police Division of fire in a liquor shop at Funuswadi Lane, on the 14th instant; damage about Rs. 2.

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* *See* Appendix C. †*See* Appendix B.

*Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 5176, dated 26th instant, sanction be given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of Rs. 51-4-0 per mensem, from 4th instant, for special halalkhor service to the Howard and Bullough Mills Company, DeLisle Road.

No. 2535.

*Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 5177, dated 26th instant, sanction be given to the transfer of Rs. 1,625, from savings in Section II., Labour, A., Scavengering (feed of bullocks), Conservancy Branch, Health Department Budget, to Section IX., Repairs, Markets and Slaughter Houses, same Budget, to meet the cost of alterations to 45 stalls in Crawford Beef Market at Rs. 35 each; and making of an additional new bench 4′ × 3′ for the said market at a cost of Rs. 50.

No. 2536.

Considered the following item of the list of "outstanding business" (1st June 1888).

"23. Letter, dated 10th May 1888, from Mr. Gopal Heerjee, enquiring what rate of compensation will be given for the land at Nos. 123 & 127, Kamathipura Bazar Road, taken up from him for the improvement of that thoroughfare. Referred to the Acting Municipal Commissioner on the 10th May 1888 (No. 1060)."

Memorandum No. 5288, dated 27th instant, from the Acting Municipal Commissioner, was read, stating that Mr. Gopal Heerjee has left open the ground required for street improvement, and it was agreed that the item be *struck out.*

No. 2537.

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BOMBAY, *4th July* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meeting held on the 27th ultimo, were signed.

On the suggestion of the Acting Municipal Commissioner, it was agreed that the trial pits at Malabar Hill Reservoir be again inspected by members of the Council to-morrow at 8 A.M., and that further report from the Deputy Executive Engineer, Water Works, on the question of the leakage of the Reservoir, be circulated as soon as printed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 2635.—8·44 square yards, or thereabout, at 2nd Carpenter Street, Mazagon, at the rate of Rs. 4 per square yard. (In this case, the application for permission to build is made by Mr. Dewraj Someji).

No. 2636.—336·19 square yards, or thereabout, at Chikulwadi Road, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Messrs. Bhimji Huriram & Co.)

Read letter No. 5580, dated 2nd instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—The Corporation having sanctioned the proposal to buy a plot of land containing 5,450 square yards of land, or thereabout, at the junction of Khetwadi Road with Charni Road, I have the honor to request the sanction of the Town Council, under Section 293 of the Municipal Acts, to apply to Government for its acquisition under the Land Acquisition Act.

The land belongs to the executors of the late Mr. Keshowji Jadhowji, and their solicitors, Messrs. Nanu and Hormusji, have stated that the executors will not voluntarily part with it (*vide* their letter, dated 6th August 1887).—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Also letter No. 29, dated 6th August 1887, from Messrs. Nanu and Hormusjee, to the Acting Municipal Commissioner, as follows :—

SIR,—The Executors of the late Keshowji Jadhowji have instructed us to acknowledge the receipt of your letter to them of the 27th ultimo, No. 6282 of 1887-88, and in reply to state that they are not inclined to part with the land in question.—We have, &c., NANU and HORMUSJI, Solicitors, High Court.

Read also letter, dated Poona, 3rd instant, from the Sanitary Commissioner, to the Acting Municipal Commissioner, as follows :—

DEAR MR. CHARLES,—I have received your letter of yesterday's date and will answer your second query first.

Cholera patients should *not be banished* to the Flats or other uninhabited locality, as their chances of recovery would be reduced by

the fatigue and exhaustion consequent on their removal to a long distance, when suffering from disease. The general safety of the whole of the populous parts of the city would be better served by having hospitals within convenient distances and easy of access for early treatment, than by transporting the sick to distant places. The presence of a Cholera Hospital should not be a danger to its neighbourhood provided it be properly managed as all hospitals should be, *i.e.*, kept clean. As to the danger radius, such a thing is unknown, witness the immunity from attack of attendants on cholera patients.

I hope I have fully answered your questions; you are at liberty to quote my replies if necessary.—Sincerely yours, C. W. MACRURY.

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was agreed by 4 votes *against* one, that the consideration of the question of the taking up of the land be postponed for a week.

Read letter No. 5727, dated 3rd instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to request that the Town Council will authorize me, under Section 293 of the Municipal Act, to apply to Government to acquire 300 square yards of land, situate on the road to the Sewri Fort and shown on the accompanying tracing, under the Land Acquisition Act.

This plot of land is required for the erection of a latrine, and its owner, Mr. Bomanjee Darashaw Captain, in reply to my enquiry of the rate at which he would part with it, states that he will not sell the portion we require unless we take the whole of his ground.

The cost will be met from the grant for latrines and urinals for current year.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 2637. *Resolved:* That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts of 1872 and 1878, to declare that a plot of land situate on the Sewri Fort Road, admeasuring 300 square yards, or thereabout, shown on the tracing,* marked A, dated this day, and belonging to Mr. Bomanji Darashaw Captain, is required for a public purpose, namely, the erection of a latrine. The cost to be debited to the grant for latrines and urinals for the current year.

The seal of the Corporation was affixed to deeds of conveyance—

No. 2638. From Hadji Halim bin Hadji Esmail, of ground taken up for the improvement line of Mirza Ali Mahomed Khan Street.

* Filed in Supplement to Minute Books marked A.

No. 2639. From Mr. Kalidas Jootha, of ground taken up for the improvement line of Agiari and Cathedral Streets. (The Acting Executive Engineer, in his letter No. 3447B, dated 30th June 1888, to the Acting Municipal Commissioner, states that 58·80 square yards of ground only were taken up in this case, being 1·02 square yards less than the area, 59·82 square yards, sanctioned by the Council, on the 9th December 1885.)

No. 2640. From Mr. Jalbhoy Ardeshir Sett, of ground taken up for the improvement line of Jail Road, East. (The Acting Executive Engineer, in his letter No. 3449B, dated 30th June 1888, to the Acting Municipal Commissioner, states that Mr. Jalbhoy Ardashir is the proper person to receive compensation in this case, not Mr. Burjorjee Sorabjee in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 158, dated 6th May 1885.)

No. 2641. From Cooverbai, widow and administratrix of Mr. Muncherjee Dhunjibhai Dubash, of ground taken up for the improvement line of Dean and Tamarind Lanes. (The Acting Executive Engineer, in his letter No. 3445, dated 30th June 1888, to the Acting Municipal Commissioner, states that Cooverbai, widow and administratrix of M. D. Dubash, is the proper person to receive compensation in this case, not Cooverbai, widow of Muncherjee Dhunjibhai Dubash, in whose name sanction to the taking up of the ground was given by the Council, in their Resolutions Nos. 508 and 1124, dated 8th July 1885, and 7th September 1887.)

No. 2642. From Arab Ali bin Hussein bin Hanian, of ground taken up for the improvement line of Dadur Road. (The Acting Executive Engineer, in his letter No. 3443B, dated 30th June 1888, to the Acting Municipal Commissioner, states that 47·83 square yards of ground were taken up in this case, being 10·05 square yards more than the area, 37·78 square yards, sanctioned by the Council on the 9th February 1887; and that Arab Ali bin Hussein bin Hanian is the proper person to receive compensation in this case, not Arab Ali bin Hussain in whose name sanction to the taking up of the ground was given by the Council on the 9th February 1887.)

Sanction was given to the taking up of 10·05 square yards, or thereabout, of additional ground, as above, at the rate of Re. 1 per square yard.

The seal was affixed to deeds of contract—

No. 2643. With Messrs. John Fleming & Co., for the supply of Deacon's meters.

No. 2644. With Messrs. Hirji and Raoji, for the construction of catchwater channel on the eastern side of the Vehar Lake.

The seal was affixed to 500 debentures in the Drainage and the Water Works Loan of 12 lakhs, namely, Nos. 1201 to 1700, both inclusive, of the value of Rs. 2,50,000.

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 2645. "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 5391, dated 29th ultimo, sanction be given to the acceptance of Messrs. Walsh, Lovett & Co.'s tender, for the supply of four steam rollers, at a total cost of Rs. 25,280, as follows:—3 of 8 tons, at Rs. 18,000, and one of 12½ tons, at Rs. 7,280.

"That sanction be given to the transfer of Rs. 280, from savings in the grant for road watering, Engineer's Budget, to the grant for steam rollers, Road Repairs, same Budget, to meet excess over the sanctioned amount."

*Carried.*

*Resolved:* That the following be *recorded*—

No. 2646. "Letter No. 5725, dated 3rd instant, from the Acting Municipal Commissioner, reporting that the Head Clerk, Engineer's Office, has been granted 3 months' privilege leave from 1st instant, and that the cost of 2 clerks at Rs. 30 and Rs. 20 per mensem, for 3 months, from 1st July current, the appointment of whom was sanctioned by the Town Council, in their Resolution No. 2196, dated 20th June 1888, has been debited to "Discretional contingencies."

"That sanction be given to the transfer of Rs. 97-8-10 from savings in Section I., superior staff, Engineer's Budget, to Section II., Office Establishment, same Budget, to meet the cost of acting arrangement made during the absence of the Head Clerk on privilege leave as above."

No. 2647. On the application of the Acting Municipal Commissioner, made in his memorandum No. 5676, dated 3rd instant, sanction was given to the transfer of Rs. 181-0-6, from savings in Section I., Establishment, Fire Brigade Budget, to the grant for special Assistant to the Commissioner for the examination of the Revenue accounts and for checking refunds, to meet the cost of acting arrangement made during the absence of Rao Saheb Virprasad Tapiprasad, Assistant to the Municipal Commissioner, on privilege leave for 6 weeks, from 9th May 1888.

No. 2648. *Resolved :* That sanction be given to the payment of Rs. 50, to provide for the excess cost of printing Report on the Prevention of Waste of Water during 1887, the charge to be debited to Section V., Contingencies, Water Works, Engineer's Budget for 1887-88.

Read letter No. 5772, dated 4th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—The G. I. P. Railway Company are building a new Railway station at Byculla near the junction of DeLisle and Clerk Roads.

2. The Vehar 32″ main laid between 1856 and 1860 alongside the Railway from Kurla to Byculla, passes under the site of what will be the passenger down platform in the new station, and it would be inadvisable to allow it to remain so located, as in the case of a burst or of any repairs being required, it would be necessary to open up the platform, thereby causing great inconvenience to the public and loss to the Railway.

3. As the Railway Company are urgently pressing for a settlement of the question, I have the honor to ask the Town Council to recommend the Corporation to advance a sum of Rs. 75,000 for the purchase of new 32″ pipes and for the cost of laying the new pipes and removing the old.

4. Of this Rs. 75,000, about Rs. 30,000 will be recouped by the return into stores of the old pipes, the old pipes so returned into stores being valued at 71 per cent. of the value of new pipes.

5. It is proposed to relay the main from the junction of Clerk and DeLisle Roads along the latter, and thence by Haines Road as far as Byculla bridge.

6. It is important that the pipes should be ordered at once as they have to be fetched from England.

7. The question of how the net cost of Rs. 45,000 should be provided must be settled hereafter.

The rights of Government in the land in which the pipe lies, were handed over to the Municipality by Act XIII. of 1863 and *primâ facie* the Railway Company should bear the whole cost of the removal. This view is also supported by the Municipal Solicitors.

8. But much time may elapse before the Railway Company can be brought to agree to a settlement. Meantime the pipes should be got out.

I do not propose to start the work of removal until the Railway Company agree to a satisfactory settlement.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Raghunath Narayan Khote, Esq.—

No. 2649. "That the Corporation be recommended to sanction the payment, from available balances, of an advance not exceeding Rs. 56,000, to be adjusted hereafter, to provide for the cost of six hundred tons, or thereabout, of 32-inch water mains, required for laying down from the junction of Clerk and DeLisle Roads, thence by Haines Road as far as Byculla bridge, such main being necessary for the replacement of the existing main which the Great Indian Peninsula Railway Company wish to have removed in order to allow of the building of their new station at Byculla; that this advance be made without prejudice to the rights of the Municipality, and on condition that all charges on account of the new main and the taking up of and removal of the existing main now running over the site of the new station be defrayed by the Company."

*Carried.*

No. 2650. *Resolved:* That the Corporation be recommended to sanction an advance of Rs. 20,000, from Surplus Cash Balance, to meet the cost of meters of sizes to be hired out to consumers at sanctioned rates. The charge to be debited to Water Work stock and thereafter adjusted to the debit of the stock receipts from the sale or letting of the meters.

No. 2651. On the application of the Acting Municipal Commissioner, made in his memoranda Nos. 5328, 5329, 5574, 5575 and 5576, dated 28th ultimo and 2nd instant, sanction was given, under Section 86 of the Municipal Acts III. of 1872 and IV. 1878, to the charging of special halalkhore service, as follows :—

(1) Sirdar's Mansions, Apollo Bandar, occupied by Mr. R. A. Willis, at Rs. 34-8-0 per mensem, from 16th June 1888; (2) 4th Regiment N. I. Camp, Esplanade, at Rs. 4-1-8, from 29th April to 9th May 1888, both inclusive; (3) Bungalow at No. 19, Mount Pleasant Road, occupied by Mr. A. C. Trevor, at Rs. 17-4-0 per mensem, from 3rd June 1888; (4) Presidency Mills, Fergusson Road, at Rs. 65-10-0 per mensem, from 16th June 1888;

and (5) 5th Regiment N. I. Camp on reclaimed ground, Charni Road, at Rs. 13-5-8, from 5th to 22nd May 1888, both inclusive.

Considered again the following motion moved by Rao Saheb Vishvanath Narayan Mandlik, seconded by Cowasjee Hormusjee, Esq.—

"That the papers now read regarding the proposed transfer of the zoological collection belonging to the Municipality, together with the cages and building materials, forming part of the same, to the Bombay Natural History Society, be referred to the Corporation with the expression of the Town Council's opinion that, if the scheme meets with the approval of the Corporation, the terms on which the transfer should be made, are as follows :—

No. 2652.

"'That the collection, cages, &c., be made over as they stand to the Society free of charge, together with such gift in money as may be thought proper ; but that no annual or other contribution shall thereafter be paid by the Municipality to the funds of the Society.' "*

After discussion, the words "such gift in money as may be thought proper" were struck out, and the words and figures, "a sum of Rs. 8,000," were inserted in place thereof.

*Amendment*, moved by Colonel Merewether, seconded by Surgeon-Major Waters—

"That the transfer be coupled with a contribution of Rs. 24,000, equivalent to 3 years' charge."

On a division, there were 3 votes *for* and 6 *against* the amendment, which was *lost*.

*Amendment*, moved by Sir Henry Morland, seconded by Colonel Merewether—

"That the contribution be fixed at Rs. 15,000."

On a division, there were 4 votes *for* and 6 *against* the amendment, which was also *lost*.

* The Acting Municipal Commissioner handed in the following list of animals and birds in Victoria Gardens :—

1 Indian Badger, 2 Bears, 1 Wild Boar, 4 Civet Cats, 5 Toddy Cats, 2 Cranes, 1 Four-horned Deer, 3 Hog Deers, 13 Sambar Deers, 20 Spotted Deers, 2 Dingoes, 2 Donkeys, 6 Eagles, 4 Emeus, 9 Indian Gazelles, 5 Geese, 2 Goats, 2 Hyenas, 1 Lion, 26 Monkeys, 1 Horned Owl, 5 Ostriches, 4 Panthers, 2 small Panthers, 5 Pelicans, 2 Porcupines, 1 Kangaroo Rat, 2 White Rats, 1 Sheep, 5 Swans, 3 Tigers, 5 Tortoises, 2 Rock Wallaby, 1 Wolf, Doves, Peacocks, Crowned and other sorts of Pigeon, Wild Fowls, Parrots, and other small birds.

The original motion was then *carried* by a majority.

Considered again letter, dated 16th June 1888, from Mr. L. F. D'Souza, complaining of the nuisance caused by the overflow of a cesspool at Matharpakadi.

Read memorandum No. 5573, dated 2nd instant, from the Acting Municipal Commissioner, forwarding, with reference to the Town Council's Resolution No. 2199, dated 20th ultimo, memorandum No. 8379, dated 25th idem, from the Health Officer, as follows :—

*Memorandum.*—The cesspool in question has been in existence since the house was built in 1880. In January last we endeavoured to get the owner to abolish the cesspool and arrange with a neighbour for permission to make a drain to lead into another drain so as to carry off the sullage ; the owner declined to do this, and he was then informed that he would have to make arrangements to clean his cesspool himself. This he failed to do, and a notice, calling upon him to clean the cesspool, served, and was followed by a summons, which was disposed of by Mr. Ryan at the Girgaum Police Court on the 19th instant. It seems that the owner of the drain, to which we suggest a connection should be made, demands a sum of money from the owner of the cesspool for the right to make the connection. This sum the owner of the cesspool considers excessive. The magistrate under the circumstances did not feel inclined to pass any order, and the matter was adjourned in order to see whether some settlement between the parties could not be arrived at. Meantime orders have been given for our cesspool carts to attend as before, but we can only attempt to clean the cesspool once in four or five days. The cesspool is a nuisance as all such cesspools are.—I have, &c., T. S. WEIR, Health Officer.

No. 2653. *Resolved :* That Mr. L. F. D'Souza be informed in reply to his letter, dated 16th ultimo, that the Health Department have endeavoured to abolish the cesspool, but that the Municipality cannot interfere in the matter of the private dispute with his neighbour, but for the present the Municipality will clean the cesspool once in 4 or 5 days.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 1st July 1888.*

Report of the C Police Division of fire in a room on the first floor of a house at No. 51, Pinjrapol Street, on the 21st ultimo : damage Rs. 5.

No. 2654. *Ordered :* That the following Progress Report up to 31st May 1888, of Tansa Water Works, be printed on the minutes of this meeting.

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* *See* Appendix **B**.

No. 453 of 1888-89.

BOMBAY, *3rd July* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the 31st of May 1888.—I have, &c.,

T. C. H. WHITE, C.E.,
*For* Executive Engineer, Tansa Works.

TANSA WATER WORKS.

*Progress Report to 31st May* 1888.

*Dam.*—During the month the outturn of masonry was 300,000 c. ft., bringing the total quantity from commencement of work up to 2,708,100 c. ft., similarly 38,000 c. ft. excavation in foundations was executed.

Certain parts of the foundations have given a considerable amount of trouble, having had to be carried down to great depths.

The progress made, however, has not been unsatisfactory. The general health was better than last month, but still not up to what might be called fair. The average daily labour engaged on the Dam works for the month under report was 3,621 people, and 683 bullocks and donkeys.

Statement showing progress of masonry from month to month is attached.

*Duct.*—The accompanying statement shows progress made during the month on the principal items of work. Excavation, masonry, tunnelling, bridgework, and pipe laying, &c., continued generally along the line. Additional tunnelling machinery is in course of erection and the necessary fuel, &c., for same being brought on the ground, it is hoped that this, as also the machinery previously erected, will work throughout the monsoon. The contractors also express their intention to get on as much as possible during the monsoon with the erection of the Bassein Creek bridges, and any other work possible to be carried on in the rains.

The average daily labour engaged on the Duct works for the month was 3,200 people, besides bullocks and donkeys. The amount of ill-health was still causing trouble.

*Cast Iron pipes.*—23,000 tons of pipes have been delivered at Kasheli, and 1,500 tons in Bombay, from commencement to end of the month.

T. C. H. WHITE, C.E.,
*for* Executive Engineer, Tansa Works.

Statement showing progress made with the work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of Masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| | | C. ft. | |
| State of work at opening of season 1887-88..... | 321 | 933,100 | |
| Work done in October 1887..... | 323 | 26,000 | |
| " " November " ..... | 329 | 80,000 | |
| " " December " ..... | 332 | 250,000 | 7,792,000 c. ft. |
| " " January 1888 ..... | 335 | 272,000 | |
| " " February " ..... | 339 | 263,000 | |
| " " March " ..... | 344 | 304,000 | |
| " " April " ..... | 345 | 280,000 | |
| " " May " ..... | 347 | 300,000 | |
| Total..... | | 2,708,100 | |

Statement showing progress of work on the principal items of the Tansa Duct.

| Items. | Total progress up to | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 30-9-87. | 30-11-87. | 31-12-87. | 31-1-88. | 29-2-88. | 31-3-88. | 30-4-88. | 31-5-88. |
| Excavation for conduit ..... c. ft. | 2,160,000 | 3,000,000 | 3,600,000 | 4,150,000 | 4,520,000 | 4,910,000 | 5,150,000 | 5,350,000 |
| Masonry in conduit „ | 47,000 | 50,000 | 87,000 | 120,000 | 172,000 | 264,293 | 336,597 | 407,134 |
| Tunnelling ..... l. ft. | 259 | 597 | 764 | 1,053 | 1,360 | 1,750 | 2,100 | *2,500 |
| Excavation in pipe track ..... c. ft. | 2,120,000 | 2,440,000 | 2,536,000 | 2,650,000 | 2,690,000 | 2,760,000 | 2,790,000 | 2,818,000 |
| Embankment .... „ | 3,030,000 | 4,000,000 | 4,310,000 | 4,530,000 | 4,790,000 | 4,910,000 | 5,240,000 | 5,394,000 |
| Tramway laid .... l. yds. | 5,479 | 6,879 | 7,914 | 8,725 | 8,811 | 8,869 | 9,711 | 11,024 |
| Erecting Iron Bridge work.... Tons | 126 | 170 | 172 | 176 | 236 | 316 | 382 | 550 |

TANSA DUCT.

Detail of progress made in tunnels up to the 31st May 1888.

| Number of tunnel. | Progress made. | | | Remaining to be done. |
|---|---|---|---|---|
| | North face. | South face. | Total. | |
| | Lineal feet. | Lineal feet. | Lineal feet. | Lineal feet. |
| 1 | 92 | 127 | 219 | 9 |
| 1A | ..... | 128 | 128 | 400 |
| 2 | 350 | 690 | 1,040 | 6,962 |
| 3 | 172 | 120 | 292 | 773 |
| 4 | 243 | 82 | 325 | 1,974 |
| 5 | 103 | 252 | 355 | 244 |
| 6 | ..... | ..... | ..... | 740 |
| 7 | 18 | 123 | 141 | 3,277 |
| | | | 2,500 | 14,379 |

T. C. H. WHITE, C.E., *for* Executive Engineer, Tansa Works.

The consideration of the question of the demolition of privies constructed at Nos. 90-94, Nowroji Hill Road, the property of Bai Jewanbai, widow of Jairam Gopaljee, was postponed till next week.

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*5th July* 1888.

At the inspection of the Malabar Hill Reservoir, made this morning, there were present: Mr. Javerilal U.

* See details.

Yajnik, Mr. Charles, Acting Municipal Commissioner, Mr. James W. Smith, Acting Executive Engineer, and Mr. S. Tomlinson, Deputy Executive Engineer (Water Works).

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BOMBAY, 11*th July* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E., CAPTAIN SIR HENRY MORLAND, KT. H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the HEALTH OFFICER; and the SECRETARY.

On the question of the signing of the minutes of the last meeting, it was agreed, on the motion of Cowasjee Hormusjee, Esq., that the entry relating to the taking up of land at Khetwadi for the site of an infectious diseases hospital, be varied by striking out the words "four votes against one," and inserting in place thereof the words "a large majority."

The minutes were then signed.

Major Selby, who was elected a member of the Council by the Corporation on the 5th instant, took his seat and on the motion of Raghunath Narayan Khote, Esq., seconded by Cowasjee Hormusjee, Esq., was appointed a member of the Finance Committee, *vice* Sir F. H. Souter, deceased.

No. 2801. On the application of the Acting Municipal Commissioner, made in his memorandum No. 5685, dated 3rd instant, sanction was given to the taking up of 50·25 square yards, or thereabout, of ground situate at Parel Road (Lall Baug), the property of Mr. Karim Tar Mahomad Bawa, required for the improvement of that thoroughfare, at the rate of Rs. 2 per square yard.*

No. 2802. *Resolved:* That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that

* This is in addition to the area mentioned in the Town Council's Resolution No. 1084, dated 22nd October 1884, namely, 224·75 square yards, or thereabout.

a plot of land situate at a public passage leading to Mahim Fort, admeasuring 143·23 square yards, or thereabout, and belonging to Mr. Fazoo Kalloo, shown on plan marked A, dated this day, is required for a public purpose, namely, the erection of a latrine; the cost to be debited to the grant for latrines and urinals.

Considered again application by the Acting Municipal Commissioner, to be authorized to apply to Government to put in force the Land Acquisition Act for the taking up of land for the site of an infectious diseases hospital in Khetwadi.

Also the following :—

KHETWADY, 10*th July* 1888.

To DOSABHAI FRAMJI, ESQ., C.S.I.,
Chairman of the Town Council.

SIR,—I am desired by the Committee of the inhabitants of Khetwady and the adjoining districts appointed to protest against the proposed erection of the Cholera Hospital at Khetwady, to request you will be good as to permit a deputation to wait upon the Town Council at their meeting to-morrow, the 11th instant, to present to that body formally, the memorial of the said inhabitants already forwarded to the Secretary of the Council.—I have, &c., A. D. MODY, L. M. & S., Honorary Secretary.

The Chairman informed the meeting that, as a matter of courtesy, he had told Mr. Mody that the Council would be happy to receive the deputation.

Mr. Cumroodeen Tyabji, Mr. A. D. Mody and the other gentlemen constituting the deputation were accommodated with seats, and Mr. Cumroodeen Tyabji, on behalf of the deputation, then presented the following memorial :—

KHETWADI, 10*th July* 1888.

TO THE CHAIRMAN AND MEMBERS OF THE TOWN COUNCIL,
BOMBAY.

SIRS,—I am instructed by the Committee of the inhabitants of Khetwadi and the surrounding districts, which has been formed for protesting against the erection of a hospital for cholera and other epidemic diseases, to request that the Town Council will be good enough to ask the Municipal Commissioner to refrain from any proceedings for the purchase of the site of the proposed hospital opposite the Cama Bagh, until the Corporation has had time fully to consider the proposal.

I am also directed to add that there is at present no cholera in Khetwady and very little anywhere in Bombay, although this has been an essentially cholera year, thus clearly demonstrating that Bombay enjoys a practical immunity from cholera.—Yours, &c., A. D. MODY, L. M. & S., Honorary Secretary.

KHETWADY, *9th July* 1888.

THE CHAIRMAN AND MEMBERS OF THE TOWN COUNCIL OF BOMBAY.

SIRS,—We, the inhabitants of Khetwady and the adjoining districts, have received with surprise and regret the intelligence that the Corporation are about to purchase a piece of ground in our district on which it is proposed to erect a Cholera Hospital for the reception of patients suffering from this disease from whole of the Western districts of Bombay.

We submit that there is nothing in the sanitary history of Khetwady to justify such a proceeding. Ours is a district in which cholera rarely occurs even in a sporadic form, and never as an epidemic. For the last three years and a half there have been hardly any cases of cholera in Khetwady. In the year 1885, we had only 7 cases, while the total number of deaths from cholera in the whole city amounted to 598. The proportion of cholera mortality in Khetwady to that which occurred in the whole city was therefore only a fraction in excess of one per cent., while the number of deaths during the same period were as follows in the following districts :—

Market—49 ; Oomerkharee—41 ; Dhobi Talao—39 ; Water Division—36.

In the present year, while cholera is prevailing in the other districts, it is unknown in Khetwady. While the people of Khetwady are therefore living under these favourable conditions, in so far as epidemic cholera is concerned, they fail to perceive the necessity of introducing a Cholera Hospital into the district. As the only use to which this proposed hospital can be put, is to bring into it cases of cholera from other districts for treatment more or less distant from their homes, your petitioners can recognize neither the wisdom nor the justice of the proposed measure. The anxiety with which cholera outbreaks are regarded by sanitary officers in the present day, and the solicitude which is displayed in thoroughly and permanently destroying all choleraic matters, are sufficient evidence to assure us that the best authorities regard the existence of a cholera poison as a potent morbific agent. But apart from cholera theories, we, as laymen, are fully entitled to enter our protest against the introduction of a Cholera Hospital in our midst. We beg to inform the Corporation, most respectfully but most firmly, that we view with alarm the proposal to build a Cholera Hospital in Khetwady. The Committee of the Corporation which reported on the matter of the provision of Cholera Hospitals four years ago, excluded Khetwady from the list of places in which they thought such Hospitals might be erected. The Corporation have therefore singled out Khetwady for the infliction of this grievous and dangerous nuisance under bad advice and contrary to the advice of its own Committee.

The objections to the locality on which it is proposed to erect the Cholera Hospital are many, and all of them deserve the most careful and serious consideration of the Corporation. To mention the most important of them, in the first place, right in front of the locality in question there is the Cama Baug—a place which is used most frequently on religious and festive occasions by the Parsee community. Hundreds of Parsees with their families and children congregate there

most frequently. The presence of a Cholera Hospital so near to a place resorted to by the Parsees for festive and religious purposes is sure to render it unfit for the purpose for which it has hitherto been used, and, moreover, while the Hospital will be a nuisance to the Cama Baug, the music and the noise at the latter place will disturb the patients at the hospital and aggravate their disease. In fact nothing can be more incongruous than to have an epidemic hospital near a place of festivity and rejoicing. The Cama Baug was built at very great expense and it has been a place of festivity ever since so many years, and it is cruel and unjust to inflict on the Parsees the hardship of having either to give up that place because Municipality wish to have an epidemic hospital close by or to allow a serious nuisance to grow up in its neighbourhood.

In the second place, on the south-western side of the spot intended for the Cholera Hospital is being built at considerable cost a house which is to be used as Dharamshala for Hindus, and close to this Dharamshala there is a large chawl in which hundreds of people reside.

In the third place, the road adjacent to which lies the spot intended for the Cholera Hospital is a main road,—built by the Municipality at considerable expense, and the erection of a Cholera Hospital near it will lessen the value of the road, and neither pedestrians nor carriage-owners will care to use it. From whichever point of view we look at the question it is difficult for us to reconcile ourselves to the resolution of the Municipality to erect a Cholera Hospital in a place like the one at Khetwady. We feel it all the more difficult to reconcile ourselves to that step when we have regard to the fact that when some years ago it was proposed to erect a Cholera Hospital near the European General Hospital as part of the scheme for the erection of Cholera Hospitals throughout the town, the idea was opposed and it was accordingly abandoned.

In the health interests of ourselves and our families we beg to forward this earnest protest against the erection of the proposed hospital, and beg that the purchase of the site may not be completed and that we may be informed accordingly.—C. TYABJEE, Chairman ; A. D. MODY, L. M. & S., Honorary Secretary.

After formally presenting the memorial, Mr. Cumroodin Tyabjee thanked the Council for their courtesy in receiving the deputation, especially as he believed this was the first occasion on which a deputation had been received.

The deputation then withdrew.

The Chairman informed the meeting that a letter was received by the Secretary, late yesterday, from Mr. Pherozeshah Nusserwanjee Kurraney, stating that the opening of an hospital on the proposed site would injure his property, and that if the building is put up he will hold the Municipality responsible for any loss or damage to the lives of himself and family or his tenants, and also for the depreciation in the rents and the value of such property.

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

"That the Town Council approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 293 of the Municipal Acts III. of 1872 and IV. of 1878, to declare that a plot of land situate at the junction of Khetwadi and Charni Roads, admeasuring 5,450·67 square yards, or thereabout, shown on the tracing marked A, dated this day, and belonging to the executors of the late Mr. Kessewji Jadowji, is required for a public purpose, namely, the erection of hospital for epidemic diseases."

*Amendment*, moved by Muncherjee Nowrojee Banajee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, in view of the widespread feeling of alarm existing in the minds of the inhabitants of Khetwadi, caused by the proposal to establish an hospital for epidemic diseases in that locality, and having regard to the fact that the cost of the proposed site would probably be higher than the sanctioned amount, the Town Council request the Acting Municipal Commissioner, to defer proceedings under the Land Acquisition Act, until the Corporation have had the opportunity of reconsidering the question of the site."

At the suggestion of Major Selby, Mr. Muncherjee Nowrojee Banajee modified the terms of his amendment which was put to the vote as follows :—

"That the consideration of the application made by the Acting Municipal Commissioner, to apply to Government to put in force the Land Acquisition Act in the case of the site of the proposed hospital in Khetwadi, be postponed till this day four months."

No. 2803.

On a division, the amendment was *carried* as a substantive motion by 9 votes *against* 3.

*Resolved* : That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 5760, dated 4th instant, sanction be given to the demolition of privies built at Nos. 90-94, First Nowrojee Hill Road, the property of Bai Jevanbai, widow of Jairam Gopaljee.

No. 2804.

The seal of the Corporation was affixed to 400 debentures in the Drainage and the Water Works Loan of 12 lakhs, namely, Nos. 1701 to 2100, both inclusive, of the value of two lakhs of rupees.

No. 2805. Considered and *recorded* memoranda Nos. 5758 and 5759, dated 4th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases, renting, and sales :—

| Supplies, &c. | Renting. | Sales. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. Rs. a. p. |
|---|---|---|---|---|---|---|---|
| 1 copy Encyclopædia Britannica Vol. XXIII. | ..... | .... | Messrs. Thacker & Co. | The Acting Municipal Commissioner. | For office use. | April 1888. | 22 8 0 |
| 1 copy Bombay Army List from May 1888 to April 1889 (subscription). | ..... | .... | The Bombay Education Society's Press. | The Assessor and Collector. | Do. .. | May 1888. | 10 0 0 |
| .... | Rent of rooms at Agiary Street for March and April 1888, at Rs. 35 per month. (The rooms will be occupied during the whole of the current year.) | .... | Mr. Govindji Thakersi Mulji. | Do. .. | For C Ward Office. | .... | 70 0 0 |
| .... | Rent of apartment No. 14, Bhosawal Square, Parel for March and April 1888, at Rs. 25 per month. (The apartments will be occupied during the whole of the current year) | .... | Mr. Cooverji Cowasji. | Do. | For E Ward Office. | .... | 50 0 0 |
| .... | ..... | 10 cart-loads manure, at Re. 1 per cart-load. | Municipality. | Mr. H. M. Phipson. | .... | June 1888. | 10 0 0 |
| .... | ..... | 2 Do. do. do. | Do. .. | Mr. Geo. St. Hobews. | .... | Do. .. | 2 0 0 |
| .... | ..... | 3 Do. do. at 8 annas do. | Do. .. | Mr. Byroo Khoodiaba. | .... | Do. .. | 1 8 0 |
| .... | ..... | 597 Do. street sweepings, at pies 9 per cart-load. | Do. .. | Mr. D. Gostling. | .... | Do. .. | 27 15 9 |

No. 2806. *Ordered* : That the Progress Report, up to 31st May 1888, of Tansa Water Works, be *recorded.*

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 8th July 1888.*

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BOMBAY, 18*th July* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES. Esq. C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The Secretary informed the Council that, owing to indisposition, the Chairman, Mr. Dosabhai Framji, C.S.I., is absent for a few days at Poona.

On the motion of Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved* : That Colonel Merewether do take the chair.

The minutes of the meeting held on the 11th instant, were signed.

Sanction was given to the taking up of the following piece of ground, required for the improvement line of street :—

No. 3043.—9·25 square yards, or thereabout, at Nos. 19-21, Muzavar Pakadi 4th Lane, at the rate of Rs. 7 per square yard. (In this case, the application for permission to build is made by Mr. Dyal Narsi.)

Considered memorandum No. 6653, dated 18th instant, from the Acting Municipal Commissioner, stating that he proposes to defend a suit in respect of the price to be paid for land taken up for the improvement of Bebee Jan Street.

*Resolved* : That the Acting Municipal Commissioner be authorised to instruct the Municipal Solicitors to defend the appeal filed by Haji Rahimtula Suliman and Haji Moosa Suliman, against the

No. 3044.

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* *See* Appendix **B**.

Municipality in respect of the rate of Rs. 15 per square yard, fixed by the Town Council in their Resolution No. 920, dated 4th August 1887, for the land taken up by the Municipality from the Appellants for the improvement of the line of Bebee Jan Street.

No. 3045. *Resolved:* That sanction be given to the taking up of 2,313·05 square yards, or thereabout, at Agripada, the property of Mr. Dosaji Adumji, at the rate of Rs. 2 per square yard, required for new street, the laying out of which was sanctioned by the Corporation, on the 16th instant.

Considered letter, dated 10th April 1888, from Messrs. Dhunjibhoy and Pherozeshah Merwanjee Jeejeebhoy, objecting to the rate of Rs. 4 per square yard, offered for their land taken up for the improvement of Nesbit Road, Byculla; and stating that, in preference to accepting such a rate, they will give up the land free of cost. Referred to the Acting Municipal Commissioner, on the 12th April 1888. (No. 104.)

Read memorandum from the Acting Municipal Commissioner, stating with reference to the Town Council's Resolution No. 2399, dated 29th February 1888, that, as proposed by Messrs. Dhunjibhoy and Pherozeshah Merwanjee, the ground should be accepted as a present, and that the boundary wall should be built by the Municipality.

No. 3046. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 6633, dated 18th instant, sanction be given to the acceptance of the offer of Messrs. Dhunjeebhoy and Pherozeshah Merwanjee, to give up, free of charge, the 8·16 square yards of ground, or thereabout, required from their property for the improvement of Nesbit Road, Byculla, the Municipality rebuilding the boundary wall standing on the ground so taken up at a cost of Rupees thirty, or thereabout.

No. 3047 *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 6504, dated 16th instant, the rate fixed by the Town Council, in their Resolution No. 2522, dated 14th March 1888, for the 117·33 square yards, or thereabout, of ground taken up from Mr. Manekchund Nagsi,

for the improvement of Currey Road, be now increased from Re. 1 to Rs. 3 per yard.

No. 3048. *Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 6621, dated 17th instant, sanction be given to the taking up of 29 square yards of ground, or thereabout, situate at the junction of Sewri and Ghorupdev Roads, the property of the Port Trust, required for the improvement of that thoroughfare, at the rate of Rs. 3 per square yard.*

The consideration of the following which have been referred to the Acting Municipal Commissioner for remarks, was postponed:

No. 3049. Letter, dated 16th instant, from Junbai Kazi Ahmed Meya and Kazi Mahomed Kazi Dada Meya, stating that the rate of Rs. 8 per square yard, offered for their land required for the improvement of Falkland Road, is too low, and that they decline to accept the rate.

No. 3050. Letter, dated 10th instant, from Papabai, wife of Sheik Jagoo, asking that the rate of Rs. 3 per yard, offered for the 50 square yards, or thereabout, of her ground required for the proposed new road No. 8, Agripada, may be increased.

Considered memorandum No. 6375, dated 13th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 4048B, dated 12th idem, as follows:—

SIR,—I have the honour to report that Mr. Kaji Mahomed Ismail Chilmai has built a new house measuring 62′ 10″ × 28′ and 8′ 8″ in height at the eaves, at Mahomedan Street, old Race Course, contrary to the sanctioned plans. A set-back admeasuring 37·33 square yards, scored off in red on the attached tracing, is required for the improvement of the street. The work of building was commenced on or about the 14th December last, and a notice, under Sections 165 and 167 of the Municipal Acts, requiring the owner to submit building certificate plans, was served on the 21st idem. The notice was complied with on the 18th April last, and the plans were approved and returned to the owner with the necessary remarks on the 12th May. A subsequent notice, under Section 167, requiring adherance to the sanctioned plan by leaving vacant the ground required for road improvement, was served on the owner on the 1st June, but up to date

* This is in addition to the area mentioned in the Town Council's Resolution No. 212, dated 4th May 1887, namely, 1,601 square yards, or thereabout.

it has not been complied with. The building is completed and is at present occupied by weavers. I beg that the sanction of the Town Council may be obtained (under Section 167 of the Municipal Acts) to demolish such portion of the house as stands on the set-back ground and to add the said ground to the road.

The party was informed on the 12th instant, that sanction of the Town Council to the aforesaid course would be applied for at the next meeting.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

Read letter, dated this day, from Kazi Mahomed Ismail Chilmai, asking that the demolition in question may not be enforced, as the road referred to has not been yet formed, or that the demolition may be postponed until a road is made.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 6375, dated 13th instant, sanction be given to the demolition of such portion of house at Mahomedan Street, old Race Course, the property of Kazi Mahomed Ismail Chilmai, as stands on the ground to be taken by the Municipality, for street improvement."

No. 3051.

*Amendment* moved by Raghunath Narayan Khote, Esq.—

"That the demolition in this case be not enforced until the new road is constructed."

*Not seconded.*

The original motion was then *carried.*

Considered memorandum No. 6545, dated 16th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 3913 B, dated 10th idem, from the Acting Executive Engineer.

Proposed by the Chairman, seconded by Major Selby—

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 6545, dated 16th instant, sanction be given to the demolition of such portions of the building over the silk washing pit built at Victoria Road, the property of the Sassoon and Alliance Silk Mill Co., Limited, as stand

No. 3052.

on the ground to be taken by the Municipality for street improvement."

On a division, there were 5 votes *for* and 2 *against* the motion, which was *carried.*

No. 3053. The seal of the Corporation was affixed to an agreement with Messrs. Sugaji Ramji and Tukaram Daji, for right to cultivate municipal reclaimed ground at Coorla.

The seal was affixed to 300 debentures in the Drainage and Water Works Loan of 12 lakhs, namely, Nos. 2101 to 2400, both inclusive, of the value of one lakh and fifty thousand rupees.

No. 3054. Considered and *recorded* memorandum No. 6347, dated 13th instant, from the Acting Municipal Commissioner, reporting under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following purchases and sales :—

| Supplies, &c. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| 4 casks and 300 casks cement at Rs. 8-4-0 and Rs. 8 per cask, respectively. | Messrs. Ewart, Latham & Co. | The Deputy Executive Engineer, Water Works. | In connection with the construction of concrete trench at Waste Weir, Vehar. | May and June 1888. | Rs. a. p. 2,433 0 0 |
| Trollies and brass cube moulds. | Messrs. Richardson & Cruddas. | The Executive Engineer, Tansa Water Works. | For Tansa Works. | March 1888. | 375 0 0 |

Considered memorandum No. 5818, dated 5th instant, from the Acting Municipal Commissioner, asking the Council to sanction an advance of Rs. 50,000, mentioned in the following proposition :—

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 3055. "That sanction be given to an advance of Rs. 50,000 against the Budget grants for Water Works, Loan Works, and other sanctioned expenditure, as the case may be, to provide for the cost of all stores purchased on account of Water Works during the current official year, such advances to be adjusted to the debit of the grants against which they are made.

"That the Secretary be authorised to pass expenditure and countersign cheques on account of such advance."

*Carried.*

No. 3056. *Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 5969, dated 6th instant, sanction be given to the payment (1) of £6 18*s.* 3*d.* and Rs. 125, to meet the cost of stop-cocks to be purchased from the Waste Water Meter Co. and Mr. Adamji Dosabhai, respectively, for sale to the public, the cost to be temporarily debited to the grant of Rs. 50,000, sanctioned by the Corporation in its Resolution No. 1897, dated 22nd December 1887, for Water Works fittings; and (2) of £6 5*s.*, to meet the cost of balance cords for Deacon's meters, and Rs. 167-5-4, to meet the cost of ferrules, to be debited to the advance sanctioned by the Council, in their Resolution No. 3055, dated 18th instant.

No. 3057. On the application of the Acting Municipal Commissioner, made in his letter No. 5726, dated 3rd instant, sanction was given to the transfer of Rs. 424-2-6, from savings in Section II., Labour, Water Works, Engineer's Budget, to the grant of Rs. 856, sanctioned by the Corporation, in its Resolution No. 1981, dated 13th March 1886, for making certain alterations in meter arrangements at Mazagon Bandar, to meet excess over the grant caused by a large wrought iron anchor being found under ground, which had to be cut into pieces and removed before the alterations could be proceeded with.

On the motion of the Chairman, seconded by Surgeon-Major Waters, it was agreed that the following be *recorded*:—

No. 3058. Letter, dated 2nd instant, from Kureem Jeewa, stating that he informed the Engineer's Department twice, that the house at Nos. 28-29, Syed Abdul Rahiman Street, (Rungari Mohla,) near Bhaji Pala Street, is being built without permission; and that the owner is proceeding with the work rapidly in order to avoid a set-back there.

No. 3059. *Resolved:* That the consideration of the following which has been referred to the Acting Municipal Commissioner for remarks, be postponed:—

Petition, dated 4th instant, from residents of Zaoba's

Wadi, complaining of the insanitary and dangerous condition of the wadi, and praying that early steps may be taken to compel those who are responsible for the filthy state of the oart, to provide for the proper cleaning of the place, &c.

Considered again letter No. 5728, dated 3rd instant, from the Acting Municipal Commissioner, asking the Council to sanction, under Sections 54 and 239 of the Municipal Acts III. of 1872 and IV. of 1878, the acceptance of Hadji Noor Mahomed Hadji Mazoola and Messrs. Abdul Ali Kurimbhoy & Co.'s offer of Rs. 200 per mensem, for the right to collect fees for weighing goods with the Municipal scales at the Crawford Markets, for a period of 21 months from 1st July 1888 to 31st March 1890. (The last rate was Rs. 1,500 per annum.)

Read memorandum No. 6057, dated 9th instant, from the Acting Municipal Commissioner, forwarding petition from fruit and vegetable dealers holding stalls in Crawford Markets, requesting that the right to raise the scale fees should be given to one or more of the petitioners and not to the above Borahs.

No. 3060. *Resolved:* That the papers in the following case be *recorded*:—Report from the Acting Municipal Commissioner that he has accepted the tender of Hadji Noor Mahomed Hadji Mazoola and Messrs. Abdul Ali Kurimbhai & Co., of Rs. 200 per mensem, for the right to collect fees for weighing goods with the Municipal scales at the Arthur Crawford Markets, for a period of 9 months, from 1st July 1888 to 31st March 1889.

That the Acting Municipal Commissioner be requested to inform the dealers who petitioned him on this subject accordingly.

No. 3061. *Resolved:* That sanction be given to the addition of the words, "or when used on municipal works," after the words "sold to the public" in the Town Council's Resolution No. 1255, dated 30th May 1888, sanctioning the rate of Rs. 85 per ton for straight pipes.

Read memorandum No. 6610, dated 17th instant, from the Acting Municipal Commissioner, forwarding letter No. 486, dated 14th idem, from the Executive Engineer, Tansa Water Works, and asking the Council's sanction to the payment of an advance of £6,000.

*Resolved*: That sanction be given to the payment of an advance of £6,000, to Messrs. Walsh, Lovett & Co., for mains for the Tansa Water Works, which have been duly tendered for testing, but which the Municipality have not the means of testing until after the rains.

No. 3062.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 6614, dated 17th instant, sanction was given to the payment of Rs. 7-8-0, to Balu Babaji, bigari in the Municipal Workshops, being the amount of full wages for 20 days, from 1st to 23rd March 1888 (exclusive of 3 Sundays) at As. 6 per day, whilst he was under medical treatment for injuries received in the shops when on duty. The charge to be debited to the Municipal Workshops.

No. 3063.

*Resolved*: That as recommended by the Acting Municipal Commissioner, in his memorandum No. 6282, dated 12th instant, sanction be given to the payment, as a special case, of acting allowance of Rs. 12 per mensem, to Mr. Shevaklal Muthooradas, Registration Clerk, Assessment and Collection Department, during the absence of Mr. Jekisondas Kahandas of the same Department, on sick leave, from 11th April last, and that sanction be given to the payment of Rs. 15 per month from 11th April 1888, to meet the pay of a substitute employed to act for Mr. Shevaklal. The charge to be debited to the savings on the salary of Mr. Jekisondas absent on sick leave.

No. 3064.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 6304, dated 12th instant, sanction was given to the payment of Rs. 1,520, to meet the cost of (1) Rs. 200 for the purchase of a safe for Water Works Office at Chinchpokli; (2) Rs. 420 for concrete flooring of the stores rooms thereat; and (3) Rs. 900 for puting in shelves measuring 300 cubic feet at Rs. 3 per cubic foot. The cost to be debited partly to the contingencies for the work of filling in the compound, and the construction of the offices and store-rooms, and partly to the balance available from the original grants for the works.

No. 3065.

No. 3066. *Ordered:* That the following be printed on the minutes of this meeting, and *recorded* :—

No. 4292.

Revenue Department, Bombay Castle, 29th June 1888.

Letter from the Superintendent, Bombay Veterinary College, No. 337, dated 25th May 1888—Submitting the second annual report of the College ; and appending a copy of his report of the Bai Sákarbái Dinsha Petit Hospital for Animals for the year 1887.

RESOLUTION.—In submitting his annual report upon the working of the Bombay Veterinary College for the year ending on the 31st of March last (to which is appended a copy of report made to the Secretary of the Society for the Prevention of Cruelty to Animals concerning the operations conducted in the Bai Sákarbái Dinsha Petit Hospital for Animals for the calendar year 1887) Mr. Steel, the Superintendent, deals with a large number of questions, several of which are under the separate consideration of Government, and do not therefore call for special remark in the present review, which will be confined to an examination of the results of the legitimate work of the College during the year.

2. Last year's report dealt with a period of eight months only during which the institution had been open. The present therefore is the first report actually embracing the facts and figures of a full year. At its commencement the number of students attending the classes was 64, while at its close it had risen to 80. The first examination was held in April 1887, at which 43 candidates appeared for their first professional examination, of whom 34 were successful. No students were as yet qualified for appearance for the second or higher standard. A supplementary examination was, however, with the approval of Government, held in September, at which 2 Hospital Assistants from Central India were permitted as a special case to appear for the second examination without having gone through the usual curriculum, whilst 17 candidates presented themselves for the first examination. The 2 Hospital Assistants passed, as also did 8 of the latter. There were therefore at the close of the year undergoing instruction 2 seniors who had passed the second examination ; 40 intermediates who had passed only the first examination ; and 38 juniors who had as yet appeared for none except that required on entrance. The practice of having supplementary examinations is open to serious objections as pointed out by the Superintendent and should only be resorted to in cases of peculiar necessity, which are unlikely often to occur. The question of the appointment of a permanent Board of Examiners is under the separate consideration of Government and orders thereupon will shortly be issued.

3. It is gratifying to learn that the progress made by the free Government and Municipal students as a rule fully justifies their selection. Of these there are apparently 15 as shown in Appendix B to the report, a figure which does not however tally with the details in Appendix A in which 16 such students are entered. The tendency of the Native States of the Presidency to avail themselves of the education given at the College is worthy of notice. There are in the institution 21 students sent from foreign territory, the Chiefs of

Sangli, Bhavnagar and Gondal having to be added this year to the list of those who have taken action in the matter. Appendix A shows one student as "Private free," a classification which is not understood unless it refers to holder of the "*Steel Free* Studentship" mentioned in paragraph 20 of the report.

4. Mr. Steel suggests in paragraph 8 of his report that an instalment of the first half-year's fees might be required from each candidate for the entrance examination by way of fine upon such as appear without any intention of pursuing their studies after passing. Government would be glad to receive the opinion of the College Committee on this proposal.

5. The resignation of the Farrier-Major at the commencement of the year and the delay in the appointment of his successor have been unfortunate, though unavoidable. The question of the means of supplying a suitable man to fill the post is now under consideration: and meanwhile a native farrier is employed as a temporary measure.

6. His Excellency the Governor in Council trusts that the decrease in the attendance of the Committee at their meetings is not caused by any falling off in interest in the management of the important institution under their control. No doubt their work in organization has been mainly accomplished, and much work of a purely routine nature can easily be managed by the circulation of papers, but the advantages which must result from the personal intercourse of the members of the Committee for the discussion of points connected with the welfare of the College are so obvious that Government trust that it may be found feasible to hold a greater number of meetings in future years.

7. During the year a practical examination shed was constructed, and a commencement made of a chemical laboratory: the equipment of the dissecting room and forge has been considerably improved, while numerous additions have been made to the museum and library. The grounds around the buildings have also been put in better order, and designs for quarters for resident students have been drawn up and submitted to Government.

8. Mr. Steel touches in his 18th paragraph upon "the measures best calculated to secure employment for the veterinary graduates." The subject is a large one, and cannot be satisfactorily dealt with in an annual report. It is moreover already under consideration, and comment thereupon may be conveniently postponed until the question is ripe for disposal.

9. The duties connected with the repression of cattle-disease were again during the year carried on from the College, and visits of inspection were paid by Mr. Steel, his assistants, and in one case by two students to Ratnagiri, Broach, Bijapur, Ahmedabad, the Panch Mahals and Sholapur. The results are said to have been satisfactory: but as they have been made the subject of special report to Government, and are under consideration in connection with the whole question of the prevention of disease among cattle, it is unnecessary to allude further to them in this place.

10. Conformably with the wishes of Government, expressed in their Resolution reviewing his report last year, Mr. Steel

has submitted a statement of account (Apppendix E) giving the receipts and expenditure (excluding building charges and examiners' fees) for the past year. The former are put down at Rs. 5,130 (Rs. 2,630 from fees and Rs. 2,500 from the municipal grant,) and the latter at Rs. 20,277. It does not appear however upon what grounds the grade pay of the two Assistant Surgeons, lent to the College as lecturers, which amounts to Rs. 3,000 per annum, has been omitted from the debit side of the account. Nor is it clear whether the fees credited were all recovered within the financial year. The financial statement has indeed not been prepared with sufficient clearness, and the Committee should be asked to prescribe a form of balance sheet which will convey the necessary information in a succinct form without obscurities. Regarding the arrears of fees, which are an unsatisfactory feature of the accounts, it is not clear whether any portion of them is due from those still under education, or whether all the defaulters have left. In the former case their recovery should admit of no difficulty and ought not to be delayed. The attention of the Managing Committee should be called to this point which is well worthy their consideration.

11. The connection of Government with the Animal Hospital is only indirect, and in so far as it provides material for clinical instruction to the students of the College. It is unnecessary to comment upon the report of its working for the year further than to observe that it appears to be securing increased popularity and, it may be hoped, is giving material aid to the Society for the Prevention of Cruelty to Animals, by showing the advantage of proper treatment and discrediting the irrational and often inhumane methods so largely prevailing.

12. Mr. Steel's reports give evidence of sustained interest and zeal in the conduct of his duties and the development of veterinary education and practice from which much future public benefit may be anticipated.

E. LAWRENCE,
Acting Under-Secretary to Government.

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No. 6087 of 1888-89.

BOMBAY, 10*th July* 1888.

Copy forwarded for information of the Town Council and Corporation.

F. L. CHARLES,
Acting Municipal Commissioner.

Read Resolution of the Corporation No. 2816, dated 12th instant, as follows :—

" That the Corporation cannot approve of the action of the Town Council in granting privilege leave and sick

leave in continuation thereof, to Mr. Walton, Executive Engineer, contrary to the terms of the Uncovenanted Service Rules of Government."

Proposed by Major Selby, seconded by Javerilal Umiashankar Yajnik, Esq. :—

No. 3067. "That the Corporation's Resolution No. 2816, dated 12th instant, be *recorded*."

*Carried.*

No. 3068. *Resolved* : That the following be *recorded* :—

Resolution of the Corporation No. 2709, dated 5th instant, as follows :—

"That letter No. 2214, dated 23rd June 1888, from the Secretary, Town Council, reporting the Budget transfers, sanctioned by the Council up to 20th idem, as under, be *recorded*."

* * * * *

"That the Town Council be requested to submit a report to the Corporation on any increased expenditure which may appear to them to be necessary to provide night watchmen for the public markets."

No. 3069. On the application of the Acting Municipal Commissioner, made in his memorandum No. 6476, dated 14th instant, sanction was given, under Section 135 of the Municipal Acts of 1872 and 1878, to a suit being filed in the Court of Small Causes, against Syud Hussein Belgrani, for the recovery of Rs. 28 due by him in respect of wheel-tax for the quarters ending 31st December 1887 and 31st March 1888.

No. 3070. On the application of the Acting Municipal Commissioner, made in his memorandum No. 6327, dated 12th instant, sanction was given, under Section 90 of the Municipal Acts of 1872 and 1878, to the charging of Rs. 8 per mensem, from 6th June 1888, for water supplied to property at ward No. 1883, street No. 149, Khetwadi Main Road, the property of Mr. Shapurji Sorabji Narelwala.

No. 3071. On the application of the Acting Municipal Commissioner, made in his memoranda Nos. 6075, 6411 and 6412, dated 10th and 14th instant, sanction was given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of special halalkhor service, as follows:—

House at Nos. 4—6, Mazagon Road, owned by Mr. Asser Dewji, at Rs. 17-4-0 per mensem, from 4th June 1888.

Sassoon Mill, Ghorupdev Road, at Rs. 102-8-0 per mensem, from 1st July 1888.

Dinshaw Petit Mill, Parel Chawl Road, at Rs. 102-8-0 per mensem, from 1st July 1888.

*Resolved* : That the following be printed on the minutes of this meeting :—

Memorandum No. 6503, dated 16th instant, from the Acting Municipal Commissioner, forwarding, for information of the Town Council, letter No. 1139, dated 10th idem, together with the Quarterly Returns, as follows :—

SIR,—I have the honour to forward for transmission to the Town Council, a Quarterly Return for the quarter ending 30th June, as compared with the corresponding quarter for the previous year, as required by Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants, sanctioned by the Corporation during that quarter.

After the accounts of the past year are finally closed, I shall be in a position to state the exact amount of Surplus Cash Balance at the end of the past quarter, beyond that shewn and appropriated in the Budget for 1888-89.

I have, &c.,

SORABJI NAVROJI COOPER,
Controller of Municipal Accounts.

## ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the

| | Budget Estimate. | Quarter ending 25th June 1887. | Quarter ending 30th June 1888. | TOTAL. |
|---|---|---|---|---|
| **RECEIPTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Opening Balance* ... ... | 5,43,000 0 0 | 20,292 14 5 | 1,24,789 14 0 | ..... |
| Consolidated Rate ... ... | 14,27,000 0 0 | 4,60,766 5 7 | 4,98,905 12 9 | |
| Water Works Revenue (including water rate) ... | 8,82,700 0 0 | 2,09,686 15 10 | 2,42,791 9 5 | |
| Conveyance Licenses ... | 4,200 0 0 | ..... | ..... | |
| „ Wheel Tax ... | 3,06,000 0 0 | 1,39,263 3 7 | 1,13,301 4 0 | |
| „ Tolls Fees ... | 15,800 0 0 | 4,254 4 0 | 3,775 12 0 | |
| Halalcore Cess ... ... | 3,71,000 0 0 | 1,16,400 9 6 | 1,30,574 3 3 | |
| Duties, Town ... ... | 8,31,500 0 0 | 4,06,715 8 4 | 1,99,145 5 6 | |
| „ Tobacco ... ... | 1,80,000 0 0 | 46,790 0 0 | 49,810 0 0 | |
| „ Liquor Licenses ... | 1,43,750 0 0 | 1,43,750 0 0 | 1,43,750 0 0 | |
| Market Receipts ... ... | 2,70,600 0 0 | 68,311 2 0 | 72,728 11 2 | |
| Miscellaneous Fees ... ... | 81,000 0 0 | 22,011 14 1 | 26,877 6 4 | |
| „ Receipts ... | 78,600 0 0 | 23,369 0 11 | 58,781 5 10 | |
| „ Fines... ... | 8,600 0 0 | 2,131 4 6 | 2,523 2 0 | |
| „ Savings ... | 3,000 0 0 | 1,025 8 2 | *1,453 3 2 | |
| Public Gardens ... ... | 8,000 0 0 | 2,596 0 10 | 1,178 5 6 | |
| Fire Insurance Companies... | 32,000 0 0 | 4,230 8 0 | 13,632 0 0 | |
| Contribution from Municipal Servants towards Pension, &c., Fund ... ... | 10,000 0 0 | 5,631 15 3 | 3,263 8 4 | |
| Tramway Rent ... ... | 35,500 0 0 | 17,823 10 1 | 18,096 1 11 | |
| | 46,89,250 0 0 | 16,74,757 14 8 | 15,77,681 4 10 | |
| Debt ... ... ... ... | ..... | ..... | 6,00,000 0 0 | |
| Workshops ... ... ... | ..... | 146 8 3 | 122 7 6 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 4,43,600 0 0 | 9,97,712 8 0 | |
| Advances ... ... ... | ..... | 2,28,379 7 10 | 51,064 9 6 | |
| Deposits ... ... ... | ..... | 2,92,888 5 3 | 2,18,747 5 2 | |
| Rupees ... | 46,89,250 0 0 | 26,39,772 4 0 | 34,45,328 3 0 | |
| Total Rupees... | 52,32,250 0 0 | 26,60,065 2 5 | 35,70,118 1 0 | |

* Debits and Credits deducted.

## FOR THE QUARTER ENDING 30TH JUNE 1888.

Quarter ending 25th June 1887.

| | Budget Estimate. | Quarter ending 25th June 1887. | Quarter ending 30th June 1888. | TOTAL. |
|---|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,70,177 0 0 | 32,913 1 6 | 34,885 12 11 | |
| Assessment and Collection Department ... ... | 1,99,356 0 0 | 40,838 6 11 | 43,683 4 4 | |
| General Police (including Police Hospital) ... ... | 2,61,352 0 0 | 65,337 1 9 | 65,337 1 9 | |
| Fire Brigade... ... ... | 1,16,087 0 0 | 11,763 7 7 | 9,977 2 6 | |
| Health Department... ... | 11,58,151 0 0 | 2,01,728 10 8 | 2,35,816 1 11 | |
| Public Works. Establishment ... ... | 1,14,916 0 0 | 25,059 8 5 | 25,085 9 3 | |
| Lighting ... ... | 3,05,004 0 0 | 67,050 12 7 | 72,372 10 0 | |
| Watering ... ... | 86,463 0 0 | 13,946 10 1 | 21,006 3 6 | |
| Repairs, Roads... ... | 4,52,496 0 0 | 46,432 5 3 | 84,608 4 3 | |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 25,000 0 0 | ..... | ..... | |
| Repairs, Buildings ... | 6,000 0 0 | 293 6 3 | 150 0 0 | |
| Improvement of Streets | 1,00,000 0 0 | 22,139 11 2 | 5,911 7 6 | |
| Water Works ... ... | 1,61,400 0 0 | † 7,24,249 1 10 | † 3,41,391 0 9 | |
| Drainage ... ... | 99,852 0 0 | 15,704 7 1 | 15,612 0 7 | |
| Public Gardens ... | 63,200 0 0 | 4,957 11 11 | 5,143 12 9 | |
| New Works and Reserve Funds, &c.... ... ... | 1,75,000 0 0 | 14,467 10 11 | 11,562 4 2 | |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 97,408 0 0 | 32,183 9 7 | 22,512 14 9 | |
| Education (including Veterinary College, &c., Contribution) ... ... ... | 50,398 0 0 | 5,630 11 8 | 6,982 9 8 | |
| Debt ... ... ... ... | 14,85,000 0 0 | 90,365 1 7 | A 11,77,089 14 3 | |
| | 51,27,260 0 0 | 14,15,061 8 9 | 21,79,128 2 10 | |
| Workshops ... ... ... | ..... | 12,314 10 6 | 14,407 8 10 | |
| Loan Works ... ... ... | ..... | *85,486 10 10 | 6,669 2 11 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 1,69,000 0 0 | 6,72,100 0 0 | |
| Advances ... ... ... | ..... | 9,03,324 3 6 | 4,52,841 4 10 | |
| Deposits ... ... ... | ..... | 1,24,050 0 6 | 1,45,867 10 11 | |
| Rupees... | 51,27,260 0 0 | 25,38,263 12 5 | 34,71,013 14 4 | |
| Closing Balance ... ... | 1,04,990 0 0 | 1,21,801 6 0 | 99,104 2 8 | |
| Total Rupees... | 52,32,250 0 0 | 26,60,065 2 5 | 35,70,118 1 0 | |

* Debits and Credits deducted.

† Includes Rs. 7,09,622-0-10 and Rs. 8,06,940-13-6 paid to date on account of Tansa, Tulsi and Bhundarwada, Vehar and other Water Works executed out of Loan Funds.

A Includes Rs. 9,81,000 paid to date in reduction of the Market and House Rate Loans out of the Sinking Fund.

List of additional grants sanctioned by the Corporation during the quarter ending 30th June 1888.

| Resolution No. | Date. | | Amount. Rs. a. p. |
|---|---|---|---|
| 2471 ..... | March 8 ... | Grant of Rs. 31,000 from Surplus Cash Balance, to provide for the cost of repairs to the Store Sheds in the Arthur Crawford Markets injured by fire ..... | 31,000 0 0 |
| 30 ..... | April 4 ... | Grant of Rs. 3,000 from Surplus Cash Balance, to meet the cost of fitting up and maintaining temporary Small-pox Hospital opened in the sheds at Grant Road formerly used for that purpose ..... | 3,000 0 0 |
| 658 ..... | April 30 ... | That without prejudice to the rights of the Corporation, and as recommended by the Town Council, sanction be given to the payment of Rs. 1,500 from Surplus Cash Balance, to provide for the cost of removing water and gas mains from that part of Nepean Sea Road, which is to be made over to Mr. Jehangir Cowasji Jehangir Ready-money, and to the relaying of the mains on the new roadway which has been constructed at the spot in question..... | 1,500 0 0 |
| 659 ..... | " " ... | Grant of Rs. 9,400 from SurplusCash Balance, to meet extra cost of Sinking Fund and interest instalments of the Rs. 12,00,000 (last sanctioned loan), the Government of India having refused to allow the loans to run for 60 years, and ordered that these and future loans are not to run for more than 40 years. | 9,400 0 0 |
| 995 ..... | May 7 ... | Grant of Rs. 3,120 from Surplus Cash Balance, to meet the pay of an attendant at Rs. 10 per mensem, and the supply of wood for cremation of the bodies of Hindu paupers and outcastes at Haines Road Cemetery..... | 3,120 0 0 |
| 996 ..... | " " ... | Grant of Rs. 7,275 from Surplus Cash Balance, to meet the cost of 2,425 square yards, or thereabouts, of Government land at Malabar Hill required for the future extension of the filter beds there at Rs. 3 per square yard. | 7,275 0 0 |
| 1408 ..... | June 4 ... | Grant of Rs. 2,500 from Surplus Cash Balance (to be adjusted hereafter to loan account) to provide for the cost of sinking trial pits outside the walls of the Malabar Hill Reservoir, with the view of ascertaining whether there is leakage from the walls..... | 2,500 0 0 |
| 1410 ..... | " " ... | Grant of Rs. 1,050 from Surplus Cash Balance, to meet the cost of 500 copies of the new Municipal Bill, including binding of 300 as soon as the Bill becomes law ..... | 1,050 0 0 |
| 1411 ..... | " " ... | Grant of Rs. 11,700 from Surplus Cash Balance, to be adjusted hereafter to the debit of loan charges to provide for the pay of the staff for making surveys for pipe sewers and ovoid sewers in Oomerkhari, Bhuleshwar and other places..... | 11,700 0 0 |
| | | Total Rs.... | 70,545 0 0 |

No. 3073. *Resolved:* That, as it was not brought to the notice of the Council on the 27th December last, when sanction was given to the acceptance of Messrs. Richardson's tender for the supply of certain tools for the

Love Grove Pumping Station, that such supply had not been advertised for, no sanction was given in that Resolution for dispensing with the invitations for tenders for the same.

That the Council now record their sanction under the terms of the last paragraph of Section 56 of the Municipal Acts to the dispensing with the invitations, on the ground of the urgent necessity for obtaining the said supply.

The following was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 15th July 1888.*

Read and *recorded* letter No. 6654, dated 18th instant,

No. 3074. from the Acting Municipal Commissioner, reporting that he has accepted the tender of Mr. Gulam Hussein Ebrahim—the lowest of five tenders received—for the supply of firewood for the cremation of the bodies of Hindu paupers and out-castes at Haines Road cemetery, at Rs. 4-8-0 per candy. The amount to be debited to the grant of Rs. 3,120, sanctioned by the Corporation, in its Resolution No. 994, dated 7th May 1888.

Considered letter, dated 6th instant, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's second report on the question of the leakage of Malabar Hill Reservoir.

Also letter No. 6408, dated 14th instant, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's Report on the condition of the John Hay Grant Reservoir.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

" That the consideration of the papers regarding the

No. 3075. leakage of Malabar Hill and John Hay Grant Reservoirs be postponed until the next meeting of the Council.

" That in the meantime a detailed abstract estimate be prepared showing exactly those charges in connection with the repairs or renewals which are chargeable (1) to capital and (2) to revenue.†

On the suggestion of Rao Saheb Vishvanath Narayan Mandlik, it was agreed that the consideration of the question of the leakage of the Malabar Hill Reservoir be taken first to be followed by that of the John Hay Grant Reservoir.

The original motion was then *carried*.

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* *See* Appendix B.

† This paragraph was added to the motion on the suggestion of Major Selby.

BOMBAY, 25*th July* 1888.

AT the regular meeting of the Town Council held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

A note was received from the Acting Municipal Commissioner, informing the Council of his inability to attend the meeting on account of sickness, and asking the postponement of their final decision on the question of the leakage of the Malabar Hill Reservoir till next meeting.

The minutes of the meeting held on the 18th instant, were signed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 3426.—46·97 square yards. or thereabout, at Musjid Bandar Road, at the rate of Rs. 75 per square yard. (In this case, the application for permission to rebuild is made by Hadji Usman Hadji Chotani.)

No. 3427.—14·59 square yards, or thereabout, at Memonwada Road, at the rate of Rs. 25 per square yard. (In this case, the application for permission to rebuild is made by Hadji Usman Hadji Chotani.)

The consideration of the following, which has been referred to the Acting Municipal Commissioner for remarks, was postponed:—

Letter No. 467, dated 21st instant, from Mr. R. F. Chisholm, on behalf of Mr. Abdul Huk, C.I.E., stating that Mr. Abdul Huk declines to accept Rs. 30 per yard, for the ground taken from his property (Old Secretariat) for the improvement of Bruce Lane, and asks Rs. 50 per yard.

Considered memorandum No. 6821, dated 20th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 4199B, dated 16th idem, from the Acting Executive Engineer.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major Waters—

No. 3429. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 6821, dated 20th instant, sanction be given to the demolition of shed built at DeLisle Road, the property of Mr. Trikamdas Vusunji."

*Carried.*

Considered memorandum No. 7132A, dated 25th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 4618B, dated 23rd idem, from the Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Rao Saheb Vishvanath Narayan Mandlik—

No. 3430. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 7132A, dated 25th instant, sanction be given to the demolition of shed built at Gamdevi Road, the property of Mr. Arjoon Shamji."

*Carried.*

The seal of the Corporation was affixed to deeds of conveyance—

No. 3431. From Mr. Ramnaran Nuthuram, executor of Mr. Nuthuram Zooravurmull, of ground taken up for the improvement line of Thakoordwar Road. (The Acting Executive Engineer, in his letter No. 4616B, dated 21st July 1888, to the Acting Municipal Commissioner, states that Mr. Ramnaran Nuthuram is the proper person to receive compensation in this case, not Mr. Nuthuram Zooravurmull, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 127, dated 29th April 1885.)

No. 3432. From Sonabai, wife of Mr. Rahimtula Noor Mahomed, of ground taken up for the improvement line of Dongri Street. (The Acting Executive Engineer, in his letter No. 4614B, dated 21st July 1888, to the Acting Municipal Commissioner, states that 18·30 square yards of ground only were taken up in this case, being ·48 square yards less than the area, 18·78 square yards, sanctioned by the Council, on the 30th March 1887; and that Sonabai is the proper person to receive com-

pensation in this case, not Mr. Rahimtula Noor Mahomed, in whose name sanction to the taking up of the ground was given by the Council, on the 30th March 1887.)

The seal was affixed to deed of contract with Mr. R. A. Rozario, for preparing and lithographing copies of plans of water mains.

No. 3433.

The seal was also affixed to deed of conveyance and confirmation of land at Tardeo, from the Corporation, to Mr. William Joseph Farrow.

No. 3434.

On the motion of Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq., it was agreed that, as the Acting Municipal Commissioner is sick, the consideration of the question of the leakage of Malabar Hill Reservoir be postponed.

With reference to the condition of the John Hay Grant Reservoir, it was agreed that the following letter from Major Selby be read and printed on the minutes of this meeting and considered next week :—

## THE LEAKAGE FROM THE JOHN HAY GRANT RESERVOIR.

TO THE SECRETARY TO THE TOWN COUNCIL.

SIR,—With regard to item No. 22 of the paper of agenda for to-day's meeting, I desire to place the following remarks and questions on record with reference to the John Hay Grant Reservoir :—That there has been a grave failure in the matter of this Reservoir, will not, I think, be seriously contested by anybody, seeing that within four years of its completion it is proposed to spend Rs. 2,41,000 in remedial measures on a Reservoir that originally cost only Rs. 9,00,000 odd. The following questions then, seem to me to arise :—(*a*) Who was responsible for this failure to ensure good work? (*b*) Was the original design a good one? (*c*) Was the contractors' tender recommended for acceptance; and, if so, by whom? (*d*) Did the Town Council or the Corporation by declining to accept the advice of their executive in any material way relieve the executive of responsibility? (*e*) Are the proposed measures good, and should they be recommended to the Corporation? I will now take these questions *seriatim*.

2. First, then, who is responsible? Now it seems to me idle to attempt to prove that the contractors are, for the very object of having an executive over contractors, is to prevent them from doing bad work, nor is it sufficient to show that the officers in charge issued orders; their business was not merely to issue orders against bad work, but to insist on those orders being obeyed, and, if necessary, to terminate the contract. Did they, as a matter of fact, ever recommend this course? Passing then, from the contractors to the Municipal executive, Section 42 of the Municipal Acts of 1872 and 1878, lays down that the "*entire*" executive power and *responsibility* is vested in the Municipal Commissioner—"42. The *entire* executive power and responsibility for the purposes of this Act shall be vested in one

Commissioner"—so that even if the engineers were inclined to neglect their duty, they did so on the responsibility of the Municipal Commissioner, and it was his duty to see that they did not. On this point, I will quote the words of the Hon. Mr. Pherozesha M. Mehta as given on page 204 of the *Bombay Government Gazette*, Part V., dated 3rd May 1888: "To have a Deputy Municipal Commissioner would be to mar and destroy the integrity of the constitutional principle on which so much stress has always been laid, *viz.*, that there shall be a *sole* Municipal Commissioner vested with full executive power and responsibility. The essential part of the principle lies in the executive officer being the sole officer, *so that responsibility may unquestionably attach to him.** To give him another officer to whom he can make over certain general duties would be certainly to divide that responsibility; and divided responsibility is no responsibility at all. It would thus be a grave infringement of a most important constitutional principle, and I view with alarm all trifling with important constitutional principles." I entirely agree with Mr. Mehta that in *law* the Municipal Commissioner is solely responsible, and those who accept the law as good must, I think, apply it in this case. As is well known, I do *not* think the law good, and I hold, rightly or wrongly, that, so far from fixing responsibility, it really has exactly the contrary effect, since it pretends to fix responsibility on one who, as in this case, no one will be bold enough to say is responsible in fact. If the law be sound, then, beyond all contradiction the Municipal Commissioner, and the Municipal Commissioner alone, is responsible for this grave failure; if he be not solely responsible, then the law which makes him so cannot be good. I myself hold the law to be unsound, and I think that the Engineering Department did not, so far as the papers before me go, exercise proper supervision; but I should like to hear anything they have to say before coming to any final decision. Nor do I see how, in the face of the law, the Corporation can logically censure them, even supposing that the Corporation deemed that there was a necessity for so serious a step without passing a still graver censure on the Municipal Commissioner.

3. With regard to the next question, I should like Mr. Tomlinson's opinion obtained in writing about the original design. I should particularly like his views on the following points:—On what was the flooring laid? I mean what kind of ground? Was it permeable? If rock, had it fissures? If so, were the fissures stopped before the floor was laid? Does Mr. Tomlinson consider that, taking its area and the depth of water, it was sufficiently thick and strong? Does Mr. Tomlinson consider that the puddle wall was sufficiently thick, and that it was carried down sufficiently low?

4. This question can, I suppose, be answered by the Municipal Commissioner, or from the Town Council records. I have no copy of these except for the last two years.

5. A similar remark applies to this question. I cannot see from the papers before me that the Corporation have ever declined in this case to sanction anything that they were asked to sanction. Did the Town Council decline to sanction any establishment that they were specifically asked to sanction, and which the executive declared to be essential? If so, when and under what circumstances?

* These italics are mine in this case.

6. With regard to the remedial measures, I have considerable faith in Mr. Tomlinson, and I should much like him to say, whether it would not be well to empty the Reservoir and see if the floor be not cracked. If this prove to be so, does he not think the best plan would be to break it up and re-lay it ?

7. There are many other points which I can deal with verbally at the Town Council meeting. The comparison with Port Trust work does not seem to me to the point, for quite apart from the different conditions to be satisfied, the Port Trust work is, I believe, good, and the work in the Reservoir is admittedly bad ; and if the rates were so low as to preclude good work, the responsibility lies on those who recommended the estimates and rates to the Town Council and the Corporation.—I am, &c.,

H. O. SELBY.

*24th July* 1888.

*P. S.*—It is perhaps necessary for me to say for the hundredth time that I quite see the necessity for a whole time officer ; but he should not be executive, and certainly should not be in such a position as to prevent responsibility resting directly on those who ought to bear it. He should, in fact, be like the Chairman of the Port Trust, or the agent of a guaranteed railway company.

H. O. S.

No. 3435. Considered and *recorded* memorandum No. 6887, dated 20th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchases and sales :—

| Supplies, &c. | Sales, &c. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| Medicines .. | .... | Messrs. Kemp & Co. | The Health Officer. | For Laboratory. | May 1888.. | Rs. a. p. 8 4 0 |
| Do. .. | .... | Do. .. | Do. .. | For Conservancy Branch | Do. .. | 0 12 0 |
| Professor Abel's apparatus for testing Kerosine oil. | .... | Do. .. | The Acting Executive Engineer. | .... | April 1888.. | 75 0 0 |
| 8,100 lbs. Beef and 24 lbs. mutton at 16 lbs. and 7 lbs. per rupee, respectively. | .... | Sha Mahomed Sheroobhoy. | Do. .. | For Animals, Victoria Gardens. | May 1888 .. | 197 2 10 |
| 2 copies Vol. IX., Part 3 of Acts and Regulations of Bombay Presidency at Rs. 5 per copy. | .... | The Superintendent, Bombay Education Society's Press. | The Municipal Commissioner and the Secretary, Town Council. | For Office use. | May 1888 .. | 10 0 0 |
| .... | 2 cart-loads manure at Re. 1 per cart-load. | Municipality.. | Mr. O. D. Cama. | .... | July 1888 .. | 2 0 0 |

| Supplies, &c. | Sales, &c. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| .... | 1,467 cart load Kutchra at pies 9 per cart load. | Municipality... | Hadji Esa Hadji Fuzla. | .... | July 1888 .. | 68 12 3 |
| .... | 765 do. earth at Anna 1 ditto and 103 ditto sand at Annas 6 ditto from Parel Road water entrances. | Do. .. | Different persons. | .... | Do. .. | 86 7 0 |
| .... | 160 do. earth from Fort Drainage Works at Anna 1 per cart-load. | Do. .. | Mr. Bhavani Nagoji. | .... | Do. .. | 10 0 0 |

Read letter No. 7077, dated 25th instant, from the Acting Municipal Commissioner, to the Secretary, asking sanction to the acceptance of tender for paving footpaths during 1888-89.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Acting Municipal Commissoner, in his letter No. 7077, dated 24th instant, sanction be given to the acceptance of Mr. Byramjee Jehangir's tender—the lowest of 8 tenders received—for paving footpaths during 1888-89, at the following schedule rates :—Rs. 38-14-0 per 100 square feet of blue stone pavement flags set in 4 inches of concrete laid and dressed, including the removal of surplus materials ; 7 annas per running foot for blue stone kerbing ; Rs. 2 per cubic foot for blue perforated stone ; Rs. 18 per 100 cubic feet for rubble and lime masonry ; Rs. 1-6-0 per cubic foot of dressed blue stone for drain openings, the whole aggregating Rs. 44,129-8-0, *plus* Rs. 4,413 for cost of contingencies at 10 per cent. : total Rs. 48,542-8-0 against the Budget grant of Rs. 50,000.

No. 3436.

"That the Acting Municipal Commissioner be asked to furnish the Council with a list of the streets, in which it is proposed to put down the pavement included in this contract."

*Carried.*

Read letter No. 7102, dated 25th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to state that I propose, with the sanction of the Town Council, to purchase meters worth Rs. 20,000, from Messrs. Richardson and Cruddas, who are the sole agents for Guest and Chrime's Siemen's meters. The cost to be debited to the grant of Rs. 20,000, sanctioned by the Corporation on the 23rd instant.

It does not appear that there is any advantage in advertising for the supply of a patented article under these circumstances. The cost and delay of advertising may thereafter be disposed with.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Cowasjee Hormusjee, Esq.—

No. 3437.

"That, as Messrs. Richardson and Cruddas are the sole agents for the supply of Siemen's Patent water meter, the Town Council, by virtue of the last Clause of Section 56 of the Municipal Acts III. of 1872, and IV. of 1878, hereby approve, authorize, and sanction the purchase by the Acting Municipal Commissioner, of 250 Siemen's water meters of various sizes, at rates varying from Rs. 33 to Rs. 370, from Messrs. Richardson and Cruddas. The cost to be debited to the advance of Rs. 20,000, sanctioned by the Corporation on the 23rd instant, and the Council dispense with the invitation for tenders which would otherwise be necessary."

*Carried.*

On the motion of Sir Henry Morland, seconded by Rao Saheb Vishvanath Narayan Mandlik, it was agreed that the consideration of the following be postponed until next meeting :—

Memorandum No. 6620, dated 17th instant, from the Acting Municipal Commissioner, asking the Council's sanction, to the variation in clause 18 of the contract entered into with Messrs. George Smith & Co., for the supply of cast-iron pipes, &c., for the Fort, Queen's Road, and Girgam drainage sections, to allow of the interest on the deposit by the contractors being drawn by them as the same accrues due.

It was agreed that the following papers on the subject of the amalgamation of the Registration and the Vaccination Departments, be printed on the minutes of this meeting,

and that the consideration thereof be postponed till next meeting :—

No. 7076 OF 1888-89.

BOMBAY, 24*th July* 1888.

TO THE SECRETARY, TOWN COUNCIL.

SIR,—Referring to Corporation Resolutions Nos. 1643 and 1858, dated 24th November and 19th December, respectively, I have the honour to report, for the information of the Town Council, that the result of my communication with the Sanitary Commissioner on the subject embodied in the Resolution quoted, has ended by Government declining to assent to a modification of the existing arrangements under which the entire control and supervision of vaccination in the city of Bombay is in the hands of Government.

I enclose a copy of the Resolution, together with a copy of my letter No. 4445 of 14th June 1888, with its accompaniments, for the information of the Council.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 4445 OF 1888-89.

BOMBAY, 14*th June* 1888.

SIR,—Referring to your predecessor's No. 17B of the 4th January 1888, I have the honour to forward copy of a report No. 5941 of the 31st May 1888, from the Health Officer of the Municipality, and to say that Dr. Hewlett apparently misunderstood the meaning of the proposed amalgamation.

2. As I understand the Resolution of the Corporation, its intention was not to hand over the registration of births to your Department as Dr. Hewlett understood, but that the Health Department of the Municipality should take over the vaccination arrangements from Government.

3. I have now the honour to ask whether Government are prepared to hand over the supervision of vaccination to the Municipality. It would, of course, be necessary that Government should continue as now to supply a trained Superintendent of Vaccination.—I have, &c.,

F. L. CHARLES, Acting Municipal Commissioner.

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No. 5941 OF 1888-89.

BOMBAY, 31*st May* 1888.

TO THE MUNICIPAL COMMISSIONER.

MEMORANDUM—The Sanitary Commissioner and the Superintendent of Vaccination have certainly, as you state, misunderstood the purport of the Resolution of the Corporation. I understood that the Corporation

wished to know whether by amalgamation of the Vaccination Department, and the establishment for the registration of births under the Municipal Commissioner, more efficient vaccination and a more efficient registration of births at less cost could not be secured. The impression I had on hearing the discussion was that the Corporation considered that not only was the registration of births, but the enforcement of vaccination, inefficient.

The Superintendent of Vaccination proposes a scheme and establishment for the registration of births at more cost, and in my opinion less efficient than the present system. The Superintendent of Vaccination proposes that instead of the establishment for the registration of births under the Health Department (which now consists of 39 karkoons, although 40 are budgetted) and costing Rs. 429, an establishment costing Rs. 696 should be employed. This is shortly the proposal. The present establishment is 39 karkoons at Rs. 429 a month and Rs. 5,148 annually.

The proposed establishment of the Superintendent of Vaccination is:—1 Inspector, Rs. 80 per month; 1 Inspector, Rs. 65 per month; 1 Inspector, Rs. 50 per month; 1 Clerk, Rs. 30 per month; 12 karkoons at Rs. 15 each, Rs. 180 per month; 21 karkoons at Rs. 12 each, Rs. 252 per month; 1 Peon, Rs. 10 per month; Promotion to 4 Vaccinators at Rs. 6 each, Rs. 24 per month; Promotion to the Head Clerk, Rs. 5 per month; total Rs. 696 per month, and Rs. 8,352 per annum.

If there is more money to be spent, it is of course very easy to propose a scheme for spending it. I do not think it is necessary to spend any more money on the registration of births so long as there are Sub-Inspectors and mucadams in the Health Department to do the work of the three Inspectors proposed by the Superintendent of Vaccination in his scheme. The Superintendent of Vaccination proposes three new Inspectors on salaries ranging from Rs. 80 to Rs. 50, 1 clerk on Rs. 30, 1 peon on Rs. 10, in addition to 33 karkoons on salaries higher than are now paid by the Municipality to the karkoons employed under the Health Department, and that promotion should be given to certain vaccinators and to the head clerk of the Vaccination Department. This is the scheme. As regards the Inspectors: in my opinion the Inspectors could do nothing in the way of supervision. Consider the vast numbers of the populations amongst whom the Inspectors would have to find births and amongst whom they would have to follow the karkoons. Take the figures of the Superintendent of Vaccination, 1 Inspector to a population of 296,809, a second Inspector to a population of 262,804, and a third Inspector to a population of 188,696. What work practically could three Inspectors do in following 33 karkoons amongst these vast populations. Unless that the Inspectors were very exceptional men, they would do no work, and further it would be practically impossible to find out that they did no work. It would almost be as practically useful to expect three men to count grains of the sand on the foreshore.

The Superintendent of Vaccination is not acquainted with the present system, or I do not think he would propose that three Inspectors should be employed. The present system is this. The karkoons keep daily diaries of the houses they visit. These diaries are checked by each ward staff of the Health Department, and the karkoons are also watched by each ward staff; but this supervision is not found

sufficient owing to the impossibility of following the karkoons through the large number of houses in the districts distributed to karkoons. The best test is an arbitrary one, the birth-rate ; and it is used as you know in addition to other tests in judging the work and punishing the karkoons.

I agree with the opinion of the Superintendent of Vaccination that the karkoons should be paid higher salaries than they are now paid by the Municipality ; he proposes that they should be paid Rs. 15 and Rs. 12 each instead of Rs. 11, as now in the Health Department. The work of the karkoons, as I have before reported, is chiefly damaged by a large number of karkoons leaving duty, and applying for leave of absence on the pretence of sickness or emergent business. If the karkoons were paid higher salaries they might be more reluctant to leave Municipal employment. They now attach very little importance to the appointments of Rs. 11 a month.

I do not think it is necessary to have a clerk as the Superintendent of Vaccination proposes, and I do not well know what he would do. I apprehend that the appointment has been proposed under a wrong impression that a clerk is employed in the Health Department in the registration of births. A clerk is not employed by the Health Department in the registration of births, but a clerk has been employed and employed from before the Health Department took over the registration of births, in the tabulation of births. The Health Department has only had charge of the registration of births since the 3rd December 1877.

The Superintendent of Vaccination has misunderstood the position of the Registrars of births and deaths. The Registrars have a position fixed by law, and until the law is amended the Registrars must occupy that position. The Registrars do not find births, but they enter in books the particulars on the birth reports. The Registrars of births are really the karkoons assisted by the Health Department ward staff.

The Superintendent of Vaccination has not had an opportunity of knowing the cause of the laxity "in the working of the penal clauses of the Municipal Acts." That laxity is due to the reading of the law by the courts and, as you are aware, I have long ago reported on the impossibility of obtaining a conviction against the parents of the children. The Superintendent of Vaccination did not know the view taken by the Chief Presidency Magistrate of the law, on this law, and hence his impression.

The large establishment proposed by the Suprintendent of Vaccination shows that the present expenditure on the registration of births is very low. If the Superintendent of Vaccination considers that Rs. 267 more than is spent now, is necessary for the registration of births, it is an argument for the increase of the present expenditure. I do not think it is necessary to increase that expenditure. I think it may be reduced if the present experiment of paying the karkoons according to births registered is successful. The report of the Superintendent of Vaccination merely indicates that the registration of births cannot be conducted by any other department than the Police so economically as it is conducted by the Health Department. The Police could conduct the registration of births as economically as the

Health Department. The registration of births varies very much in different classes as shown in the following table:—

*Return showing the number of births in each class during* 1886.

| Classes. | Number of Births. |
|---|---|
| Jains | 508 |
| Brahmins | 287 |
| Lingaets | 32 |
| Bhatias | 156 |
| Hindoos of other Castes | 7,095 |
| Hindoos, Low Castes | 1,451 |
| Musulmans | 3,256 |
| Parsees | 1,323 |
| Jews | 108 |
| Native Christians | 433 |
| Eurasians | 73 |
| Europeans | 169 |
| Negro-Africans | 16 |
| Buddhists | ..... |
| Other and unknown Castes | 2 |
| Total... | 14,909 |

I feel some reluctance in criticising the system and establishment provided by the Municipality for the enforcement of vaccination. The great advantage of the present system is in being able to obtain an experienced officer from Government to act as Superintendent of Vaccination. This is the chief advantage. Excluding the Superintendent of Vaccination, the department would be worked more cheaply under the Municipal Commissioner. The scale of salaries paid to the subordinates in the Vaccination Department is higher than in the Health Department, while of course the work is less onerous; for instance, sub-vaccinators are paid Rs. 18 a month, while mucadams of the same class in the Health Department are only paid Rs. 13 and Rs. 12. The lowest salary of clerks in the Vaccination Department is Rs. 30, while in the Health Department it is Rs. 20. The karkoons in the Vaccination Department are paid Rs. 12, while in the Health Department they are paid 11. With the exception of the appointment of the Superintendent of Vaccination, there is no doubt that it would be more economical for the Municipality to have direct charge of the Vaccination Department, and I do not think the department would be worked less efficiently by the Municipality with a good superintendent.

I would point out in conclusion the birth registration is improving.

T. S. WEIR, Health Officer.

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Government Resolution No. 2415, dated 12th July 1888, General Department, regarding the proposal to entrust vaccination in the City of Bombay solely to the Municipality.

RESOLUTION.—The Sanitary Commissioner should be requested to inform the Municipal Commissioner, that Government are not prepared to assent to a modification of existing arrangements under which the entire control and supervision of vaccination in the City of Bombay is in the hands of Government.

JOHN NUGENT, Chief Secretary to Government.

The consideration of the following was postponed :— Letter No. 6895, dated 20th instant, from the Acting Municipal Commissioner, asking sanction to the adoption of the Government Rules for the payment of travelling allowance to Municipal officers and servants proceeding on duty to out-stations.

Read letter No. 7034, dated 24th instant, from the Acting Municipal Commissioner, to the Secretary, asking the Council to recommend the Corporation to sanction the cost of marble slabs for the fish market, Crawford Markets.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Corporation be recommended to sanction the outlay of Rs. 825, from Surplus Cash Balance, to provide for the cost of 10 marble slabs for 10 fish stalls in the fish market in the Crawford Market premises."

No. 3438.

*Carried.*

Read letter No. 6743, dated 19th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—As arranged in the Corporation Resolution No. 655, dated 25th April last, I have the honour to request that the Corporation may now be recommended to transfer the Rs. 30,525 to the debit of Loan Works charges.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the Corporation be recommended to sanction as arranged in its Resolution No. 655, dated 25th April 1888, the transfer, to the debit of Loan charges, of Rs. 30,525, for cost of (1) Rs. 17,325, for laying water mains in various streets, west of Frere Road, and (2) Rs. 13,200, for cost of making connections with the existing mains in Arthur Road, necessitated by the laying of the new 27-inch Tansa main in the last mentioned road."

No. 3439.

*Carried.*

Considered memorandum No. 6404, dated 13th instant, from the Acting Municipal Commissioner, asking sanction

to the payment, &c., mentioned in the following proposition :—

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3440. "That sanction be given to the payment of Rs. 7,700, including contingencies at 10 per cent., to meet the cost of providing and fixing 48″ sluice valves to the water main at Babula Tank Road, the work to be carried out departmentally.

"That memorandum No. 6404, dated 13th instant, from the Acting Municipal Commissioner, reporting that he has entrusted the work of fixing such sluice valves, fire hydrants, pipes, &c., to Messrs. Dinshaw Cowasjee Bhedwar & Co., at Rs. 756, including contingencies at 10 per cent. be *recorded*.

"That sanction be given to the issue from the Water Works Stores to the work as above of iron work of the value of Rs. 4,744. The charge to be debited to Loan Works after sanction is accorded by the Corporation, to the arrangement proposed in the Acting Commissioner's No. 6743, dated 19th instant, and as recommended by the Council this day."

*Carried.*

The consideration of letter No. 7101, dated 24th instant, from the Acting Municipal Commissioner, asking sanction to the payment of Rs. 2,000, to the Hindustan S. & W. Mills Co., on account of the removal of their tram-rails across the Ripon Road was postponed.

No. 3441. *Resolved* : That sanction be given to the payment of Rs. 70, to provide for the cost of printing papers in connection with the new Municipal Buildings. The charge to be debited to the Municipal Building Fund.

No. 3442. On the application of the Acting Municipal Commissioner, made in his memoranda Nos. 6687 & 6688, dated 18th instant, sanction was given, under Section 86 of the Municipal Acts of 1872 and 1878, to the charging of special halalkhor service, as follows :—

Rev. D. Mackichan, Nesbit Girls' School, Gowalia Tank Road, at Rs. 17-4-0 per mensem, from 23rd June 1888.

Lalji Kutchra Mill, Ghorupdeo Road, at Rs. 17-4-0 per mensem, from 1st May 1888.

*Ordered:* That the following be laid on the table:—

No. 3443. Letter, dated 23rd instant, from Messrs. Ardaseer Framjee Moos and Nanabhoy Rastamjee Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for June last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

It was agreed that the following letters be referred to the Acting Municipal Commissioner, for favour of report as to whether the markets referred to in the letters are desirable:—

No. 3444. Letter, dated 23rd instant, from Messrs. Tyabjee and Dayabhai on behalf of Messrs. Runchordas Hurjeewandas, Bhimjee Moorarjee, Gokuldas Dewjee, and Welljee Soonderjee, asking the Council's sanction to the erection of a vegetable market at Moogbhat.

No. 3445. Letter, dated 19th instant, from Mr. J. R. Thompson, for himself and other applicants, asking that a Municipal market may be provided on the Municipal land in Foras Road.

The following was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 22nd July 1888.*

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BOMBAY, 1*st August* 1888.

AT the regular Meeting of the Town Council, held this day, there were present:—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S. F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq., Rahimtula Mohamed Sayani, Esq., was voted to the chair.

The minutes of the meeting held on the 25th ultimo, were signed.

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* *See* Appendix B.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 3547.—1·63 square yards, or thereabout, at Nos. 283-285, Kalbadevi Road, at the rate of Rs. 60 per square yard. (In this case, the application for permission to rebuild is made by Mr. Nugindas Dulubdas.)

No. 3548.—6·49 square yards, or thereabout, at Nos. 391-393, Parel Road (Bhendi Bazaar), at the rate of Rs. 25 per square yard. (In this case, the application for permission to rebuild is made by Mr. Ookabhai Dawoodjee.)

Sanction was given to the taking up of the following pieces of ground, required for new Street, the laying out of which was sanctioned by the Corporation in its Resolution No. 2963, dated 16th July 1888.

No. 3549.—55·5 square yards, or thereabout, at No. 132, Agripada, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Mr. Mukund Luxumon.)

No. 3550.—79·6 square yards, or thereabout, at Agripada, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Mr. Lukma Uma.)

The consideration of the following, which has been referred to the Acting Municipal Commissioner for remarks, was postponed:—Letter, dated 28th July 1888, from Mr. Jairam Huri, objecting to the rate of Rs. 3 per square yard, sanctioned by the Council, for ground taken from his property, for the improvement of Malabar Hill Road, and requesting that the rate may be increased to Rs. 10 per yard.

*Resolved :* That the following be referred to the Acting Municipal Commissioner, for favor of remarks :—

No. 3551,

Petition, dated 27th July 1888, from Hadji Abdoola Esmail, Mr. Jacinto John Barratto and others, praying that a new road may be constructed from Gopi Tank, Lady Jamsetji Road, to Futka Tank, Sion Road.

Considered memorandum No. 7504, dated 31st July 1888, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 4799B, dated 26th idem, from the Acting Executive Engineer.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 3552. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 7504, dated 31st July 1888, sanction be given to the demolition of shed built at Ripon Road, the property of Mr. Ebrahim Jelalbhoy."

*Carried.*

No. 3553.—Considered and *recorded* memorandum No. 7103, dated 25th ultimo, from the Acting Municipal Commissioner, reporting, under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorised the following sales and work:—

| Sales. | Work. | Name of supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. |
| 3 cart-loads manure, at Re. 1 per cart-load. | .... | Municipality... | Mr. Mahomed Ali Jafferji. | .... | July 1888 .. | 3 0 0 |
| 49 large chairs, belonging to the office of the Corporation and Town Council, exclusive of commission (public auction). | .... | .... | .... | .... | May 1888 .. | 361 3 10 |
| 12½" spring-cocks. | .... | Municipality... | The Swadeshi Mill Co. | .... | July 1888 .. | 30 3 0 |
| .... | Repairing, patching and binding Land Registers of A, B, C, D, E, F and G, Wards, at annas 10 per day, from 12th April to 9th June 1888, = 46 days, including ½ yard binding cloth. | Mr. S. Nunes. | The Assessor and Collector, | .... | June 1888.. | 29 2 0 |

Considered letter No. 7101, dated 24th July 1888, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to the Resolution of the Town Council, No. 2306, dated 15th February last, I have the honor to state that I have seen Mr. Damodar Thakarsi Mulji of the Hindustan Spinning and Weaving Mills Co. Mr. Damodar represents that the removal of the rails will cause the Mill at least rupee one per day extra for coolie wages. After discussing the question with me, he has agreed to accept

Rs. 2,000, which would about pay the wages of one man at Rs. 10 per mensem, or Rs. 120 per annum at 6 per cent.

I think the compromise is reasonable, and should be accepted more especially, as from the circumstances of the case we are not in a position to dictate terms.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Colonel Merewether, it was—

No. 3554. *Resolved:* That, with reference to the Town Council's Resolution No. 2306, dated 15th February 1888, sanction be now given to the payment of Rs. 2,000 to the Hindustan Spinning and Weaving Mills Co., Ld., in full settlement of the Company's claim for the removal of their tram-rails across the Ripon Road.

Read letter No. 7307, dated 28th July 1888, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—It has come to my notice that few of the private Milch Cattle Stables use lake water either for the animals to drink or for cleansing purposes.

2. This leads to neglect of cleanliness and consequent prosecutions for nuisance, and also in the opinion of the Health Officer the use of impure water for drinking is likely to injure the quality of the milk. As a tentative measure, and to encourage the use of pure water, I propose, with the sanction of the Town Council, to charge a reduced rate of 6 annas per 1,000 gallons for water supplied to all Milch Cattle Stables, subject to revision hereafter should it appear that the reduction of rate leads to undue waste.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Raghunath Narayan Khote, Esq.—

No. 3555. "That, as recommended by the Acting Municipal Commissioner, in his letter No. 7307, dated 28th July 1888, sanction be given to the charging of the reduced rate of 6 annas per 1000 gallons, for water supplied to all Milch Cattle Stables, subject to revision hereafter should it appear that the reduction of rate leads to undue waste or for other reason."

*Carried.*

No. 3556. On the application of the Acting Municipal Commissioner, made in his memoranda Nos. 7308 and 7309, dated 28th July 1888, sanction was given, under Section 135 of the Municipal Acts of 1872 and 1878, to suits being filed in the Court of Small Causes, against (1) Mr. Rastamji Hormusji Batliwala, for the recovery of Rs. 65-15-0, on account of consolidated

and water rates and halalkhor cess, in respect of house assessed under Ward Nos. 3738-3739, Ripon Road, for the 2nd half of 1887-88, and (2) Mr. A. C. Wingrove, for the recovery of Rs. 14, on account of wheel tax for the quarter ending 30th September 1886.

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Muncherjee Nowrojee Banajee, Esq., it was—

No. 3557.

*Resolved:* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 6620, dated 17th ultimo, and the Council are assured that the amount of deposit is sufficient to provide for any loss that may arise to the Municipality from the non-fulfilment of the contract in question, sanction be given to the variation in clause 18 of the contract entered into with Messrs. George Smith and Company, for the supply of cast iron drainage pipes, &c., for the Fort, Queen's Road, and Girgam Drainage Sections, to allow of interest on the deposit by the contractors being drawn by them as the same accrues due.

Considered again letter No. 7076, dated 24th July 1888, from the Acting Municipal Commissioner, reporting with reference to the Corporation's Resolutions Nos. 1643 and 1858, dated 24th November and 19th December 1887, the result of his communication with the Sanitary Commissioner, on the subject of the amalgamation of the Registration and the Vaccination Departments. (*See* minutes of the meeting of the Town Council, held on the 25th July 1888.)

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 3558.

"That the papers on the subject of the amalgamation of the Registration and the Vaccination Departments, be forwarded to the Corporation, with reference to its Resolutions Nos. 1643 and 1858, dated 24th November and 19th December 1887."

*Carried.*

Read letters No. 6895, dated 20th July 1888, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to request the sanction of the Town Council to adopt the Government rules for the payment of travelling allowance to municipal officers and servants proceeding on duty to out-stations.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Javerilal Umiashankar Yajnik, Esq., it was—

No. 3559.

*Resolved:* That the Acting Municipal Commissioner, be asked to direct the Controller to prepare a statement showing all the actual payments which were made during the past year for travelling allowances to municipal officers and servants, and explaining the basis on which such payments were calculated.

That the Acting Commissioner be also asked to submit a scale of such allowance and to report which particular code of allowances he proposes should be adopted by the Municipality.

Read the following :—

BOMBAY, 26*th July* 1888.

H. WYNFORD BARROW, Esq.,
Clerk, Municipal Corporation ; and Secretary, Town Council.

DEAR SIR,—I have to request you to be so good as to lay before the Town Council at an early date, the accompanying representation signed by 30 members of the Corporation in reference to the Resolution passed at the meeting of the Corporation held on the 9th instant, regarding the proposed extension of the Bhuleshwar Vegetable and Fruit Market.—I am, &c.,

BHAISHANKAR NANABHAI.

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BOMBAY, 12*th July* 1888.

TO THE CLERK OF THE TOWN COUNCIL.

SIR,—With reference to the Resolution for the extension of the Bhuleshwar Vegetable Market passed at the meeting of the Corporation, held on the 9th instant, we, the undersigned, members of the Corporation have strong reasons to apprehend that the land and houses proposed to be acquired for the extension cannot be acquired under the Land Acquisition Act, to which recourse must certainly be had for the purpose, except at a cost considerably in excess of the estimated value sanctioned. We accordingly beg to propose that the Town Council will be pleased to request the Commissioner not to apply to Government for compulsory acquisition of the properties until the Corporation has had an opportunity of considering what prospect, if any, there is of the Municipality being able to acquire the properties at the estimated cost, and that the aforesaid Resolution of the Corporation may not be put into force until such time.—We have, &c., Bhaishankar Nanabhai, Nanabhoy B. Jeejeebhoy, R. N. Khory, Harkisondas Narotumdas, Mulji Bhawanidas Barbhaya, K. T. Telang, Mirza Hoossein Khan, R. D. Sethna, R. N. Khote, Ekanath R. Khote, K. M. Shroff, Vandrawandas Purshotumdas, Abdulla M. Dharamsi, Jehangir B. Murzban, Bomonjee Pestonjee Master, Damodar Thakarsy Muljee, Venayekrao Ramchander Luxumunjee, Naorojee Beramjee Suntook, Fazulbhoy Visram, Jalbhoy Ardeseer Sett, Jamsetjee Pallonjee Kapadia, Byramjee Nasserwanjee Servai, Rehemoobhoy Allana, N. M. Futtehaly, Damodar Tapidas, Cursondas Vullubdas, C. Freeman Underwood, Reg. Gilbert.

The request of Bhaishankar Nanabhai, in reference to Resolution passed on the 9th instant, *re* Bhuleshwar Market be postponed for observation of members who had no opportunity to speak on the subject, is a reasonable and good one, and has my concurrence, but it does not bind me to any particular action in the future.

PHILLIP C. DESOUZA.
E. R. FREEBORN.

Proposed by Raghunath Narayan Khote, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the request made by Mr. Bhaishankar Nanabhai and other gentlemen to the Town Council to postpone giving their sanction to proceedings under the Land Acquisition Act in the case of the extension of the Bhuleshwar Market, be acceded to."

*Amendment*, moved by Major Selby, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the petitioners be informed that, if the Acting Municipal Commissioner applies for sanction to the putting in force of the Land Acquisition Act in the case of the Bhuleshwar Market, the Council see no reason why they should withhold such sanction."

No. 3560.

On a division, there were 8 votes *for* and 2 *against* the *amendment*, which was *carried* as a substantive proposition. The original motion was, therefore, *lost*.

*Ordered*: That the Report on the working of the Gokuldas Tejpal Hospital for the year 1888, forwarded under the acting Municipal Commissioner's memorandum No. 7311, dated 28th July 1888, be printed and circulated.

No. 3561.

ANNUAL REPORT OF THE GOKULDAS TEJPAL HOSPITAL FOR THE YEAR 1887.

CONSERVANCY AND WATER-SUPPLY.—The latrines were daily inspected by the House Surgeon and frequently by me, and were kept clean and in good order, and the system of removal of excreta adopted in this Hospital worked very well.

The water-supply was good and abundant, but the force being not sufficient, the pumps had to be worked very often to supply water to the second floors.

2. HOSPITAL BUILDINGS—Were in a very good state of repairs. The Madras plaster which is used for the walls, though sanitarily speaking a very good material, becomes dirty very soon; and so it was exceedingly difficult to keep the walls, which are so very high, clean. It is worn out in many places.

There is no wall or proper kind of railing to efficiently enclose the Hospital compound. In consequence of this, no control could

be exercised on the in-patients and their visitors. Patients can and do go out of Hospital, often half-cured and in a dangerous state, without permission. Some patients run away with articles of clothing, splints and dressing, all the property of the Hospital. Instances of such have been duly reported to the Surgeon-General. It is exceedingly difficult to prevent friends of patients from visiting them at other than the regular hours of visit, and from supplying them with unsuitable food clandestinely. One gate-keeper cannot possibly prevent people coming and going from all sides of the compound.

There is no receiving-room for patients seeking admission into the Hospital on the ground-floor; patients are received in the front passage leading to the main staircase which is open on all sides. There is no privacy in the passage, and so the preliminary examination of patients, particularly female patients, could not be satisfactorily carried out. The passage is very small, and therefore no cots could be placed in it, and so it was soon blocked by patients lying on the ground, and many casual visitors to the Hospital noticed and talked about the defect.

I fully agree with my predecessors as to the urgent necessity of providing this Hospital with suitable separate accommodation for cases of acute alcoholism and other diseases where noisy and violent conduct is a prominent symptom; surgical cases sometimes run a septic course, in spite of all precautions, and cases of erysipelas and other septic diseases sometimes seek admission which cannot be refused; medical cases sometimes develop mental symptoms of a nature very troublesome to Doctors and other patients alike. There being no accommodation for such cases, they have to be admitted into the general wards, to the great annoyance of, and positive injury to, the other inmates. There have been several instances in which patients have run away from the Hospital, because they could not bear to be near such patients. This circumstance makes Hospital life unpopular amongst the natives who are already slow to appreciate the great blessing of such an Hospital provided for them.

I would beg to point out that the open bathing place for the servants is a nuisance in the compound, and women cannot bathe there except in the small hours of the morning. It is very desirable that it should be enclosed by a wall about four feet high, to ensure privacy.

The latrines were kept in good order, and were inspected by the House Surgeon and by me.

The Hospital fittings were kept in good order, and the beds were kept cleaned and, as far as possible, free from insects. Amongst improvements, I may mention that the wards were fitted with glass cases for convenience of dressing and minor operating, and small teapoys with marble tops were supplied to each bed for the convenience of the patient, to prevent his soiling his bed-clothes with food, &c.

3. GENERAL HEALTH OF THE TOWN AND DISTRICT.—So far as my information goes, and judging from the admissions into the Hospital, I should say that the health of the town was good. A full report on this head is, I understand, supplied by the Health Officer to the Municipality, and so I need not enter into this subject.

4. ATTENDANCE OF PATIENTS, IN-DOOR AND OUT-DOOR.—

(*a*). *In-door Patients*—The total number of admissions during the year was 2,440, as contrasted with 2,705 of last year, being a decrease of 265 ; the total treated in the wards was 2,565, as contrasted with 2,826 of last year. Each bed accommodated during the year 21 patients. The average detention in Hospital was 17 days. The average daily number of sick (in-patients) was 92·1, the average for men being 77·4, women, 10·0, and children, 4·7.

(*b*). *Out-door Patients*—The total number of admissions was 17,133, as contrasted with 17,761 of last year, showing a decrease of 628 ; the total treated 17,285, as contrasted with 17,917 of last year. The average daily number of sick (out-patients) was 140·6.

The in and out-door patients were in the following order as to race :—Hindus, Mussulmans, Native Christians and Parsees. The number of admissions, both in the in-patient and out-patient departments, was slightly less, probably because the health of the town was good during the year, and there were no epidemics in whose wake an unusual amount of sickness of other kinds generally prevails. The vicinity of other Hospitals and charitable dispensaries does not seem to me to have influenced the attendance at this Hospital to any appreciable extent. I may mention that I took special pains to see that idlers and beggars and others who sought only food and shelter and who therefore feigned illness were not admitted. I believe that extra care in that direction to a certain extent accounts for the decrease in the admissions.

Most of the admissions were cases of very serious injuries and diseases as will appear on reference to my monthly reports showing the large number of cases of deaths within 24 hours and within a week of admission. These were accidents from the shipping in harbour and amongst the workmen employed at the Prince's Dock, and at its recent extension works, and at several other centres of industrial activity which are daily growing in extent and importance in Bombay, such as Iron-works, Mills, &c. The G. I. P. Railway and the B. B. & C. I. Railway Termini being so near, all cases of serious illness brought by the numerous trains from all parts of the country naturally found their way to this Hospital to swell its mortality. During the pilgrim season many pilgrims were brought to this Hospital, it being the nearest hospital to nearly all the landing places. This would account for many bad cases of chronic diarrhœa, dysentery and privation.

5. COMMON DISEASES AMONGST (*a*) THE IN-PATIENTS.—They were in the following order of frequency :—

(I.) Malarious fevers, 268 admissions. These fevers usually head the list of admissions in all the Bombay hospitals. The type

most frequently met with was the quotidian variety of ague. Of the 268 cases, 50 were those of remittent fever. The new antipyretic medicines, namely, resorcine, kairin, antipyrine and antifebrine, were used in most cases. My experience of these could be formulated in this way. Resorcine and kairin caused unpleasant symptoms and depression very often, and I left off using them. The more intermittent or remittent the type of fever, the greater was the superiority of quinine over all these antipyretics. In cases where the temperature was not very high, and kept persistently at a low figure without intermissions or marked remissions, antipyrine was most useful; where the temperature was very high, higher say than 103, and persisted, and the fever approached more or less the continuous type, antifebrine was most useful. In strong and otherwise healthy individuals with strong fever, antifebrine and antipyrine were often more useful than quinine. In weakly cachectic individuals quinine was preferred and the other antipyretics given only during the acute exacerbations and then for a short time only. The depression caused by antipyrine and antifebrine could be to a certain extent counteracted by the simultaneous administration of alcohol and other diffusible stimulants. No antipyretic could come up in efficiency to Warburg tincture and the application of cold to the body.

(II.) Dysentery, 136. Most of these cases were very chronic and intractable, and came at a stage when the motions looked like the washings of meat—thin, watery, and bloody. In such cases ipecacuanha, so very valuable in acute and recent cases, failed to give any relief. In some of these bad cases irrigation of the lower bowels with copious enemata of hot water, followed by those of dilute solutions of nitrate of silver or strong solutions of alum seemed to do some good, but not so much as is mentioned in books. Ergotine internally and enemata containing hazaline seemed to be the best means of controlling the excessive bleeding in some cases.

(III.) Respiratory affections, 127. The large majority of these were cases of chronic bronchitis which furnished 82 admissions. Pneumonia furnished 28 admissions; many of these last simulated in their early stages severe remittent fevers very closely.

(IV.) Rheumatic affections, 114; of which there were 101 cases of chronic rheumatism, and only one case of acute rheumatism with cardiac complication. The rest were other cases classed as rheumatic.

(V.) Diarrhœa, 93. These cases were mostly chronic. They occurred principally amongst Hindu beggars and others arrived from out-stations or pilgrims from various ports, or men picked up lying in the streets. They were therefore half-starved and exposed to privations of all kinds.

(VI.) Phthisis, 80. Most of the patients were in the advanced stages of the disease, with cavities in their lungs. Antiseptic inhalations and antipyrine and antropine internally seemed to relieve their sufferings to a certain extent.

(VII.) Debility, privation and old age, 67. These were mostly men and women picked up in the streets, lying in the gutters or by the road side, by the police and brought to Hospital, or beggars or pilgrims.

(VIII.) Liver diseases, 40. Of these 20 were classed as hepatitis, 11 abscess, 1 cirrhosis, 1 simple enlargement, and 7 jaundice. In all the hepatic abscess cases aspiration was performed first in order to be absolutely certain of the diagnosis, secondly to relieve pain by the mere puncture into the liver, thirdly to encourage adhesions to form so as to render the radically curative operation of opening them with the knife afterwards safe. A few days after the first or second aspiration they were all opened antiseptically and drained. Of these 11, four died, four were discharged cured, two relieved and left the hospital without permission, and one remained under treatment.

(IX.) Skin diseases, 32. Only such cases were admitted as could not be treated as out-patients. There were 682 cases of injuries admitted. The principal ones were in the following order :—

(I).—Wounds of all kinds, 221. (II).—Fractures of all kinds, 208 cases. These included 6 of the vault and 10 of the base of the skull. (III).—Contusions of all degrees of severity, 156. (IV).—Burns, 24. (V).—Multiple injuries, 16. (VI).—Dislocations, 6.

The principal surgical diseases furnished admissions in the following order :—

(I).—Syphilitic affections, 115 : of these there were 38 cases of hard chancre, 50 of soft chancre, and 27 of secondary manifestations of syphilis. (II).—Ulcers, 81. (III).—Abscesses, 73. (IV).—Gonorrhœa and its complications, 55. (V).—Diseases of the rectum, 22. (IV).—Calculus in the bladder, 15. (VII).—Tetanus, 13. (VIII).—Diseases of the urethra, 13. (IX).—Eye diseases, 11. (X).—Hydrocele, 11. (XI).—Necrosis, 10. (XII).—Hernia, 8 : of these, three were strangulated. (XIII).—Tumours, 6. (XIV).—Aneurism, 4 ; of these, two were of thoratic and two abdominal aorta.

*Common Diseases amongst (b) the Out-patients*—Were fevers, rheumatism, syphilis, bronchitis, phthisis, parasitic diseases and affections of the alimentary canal.

*Police, Medico-legal and Poisoning Cases and Inquests.*—There were 1,859 Police cases brought to Hospital during the year for treatment, the majority of which were cases of accidents and assaults, &c. Under the head of poisoning there were 133 cases treated, *viz.*, 94 of alcoholism, 23 of opium poisoning with 8 deaths, 8 of cannabis indica, 2 of datura, 1 of sulphuric acid, 1 of copper and 1 of the red oxyde of mercury. There were 59 inquests held by the Coroner during the year.

6. Observations on Major Surgical Operations.—There were 83 major operations performed during the year, or 9 more than last year. Of these 83, 8 proved fatal, showing a mortality of 9·6 per cent, or 3·9 per cent less than that of operations performed last year.

There were 26 amputations performed, including 3 of the thigh, 2 through the knee and 2 symes. Of these, 4 proved fatal, the fatal ones being 2 of the leg, 1 of the knee and 1 of the thigh. In the fatal cases the operations were done under unfavourable circumstances, owing either to the nature of the injuries for which they were done or to the delay in operating because of the hesitancy on the part of the patient to consent to the operation. The dressings used were the dry antiseptic dressings on the modified lister's plan and the usual antiseptic precautions were taken. Fourteen cases of stone were operated upon without a single death. Of these cases, in 7 the operation of lateral lithotomy was performed—3 in children and 4 in adults—and stones weighing from 2 ounces and 3 drams downwards were removed. In the other 7, the crushing operation was performed. Of these last, two were boys of the age of 7 and one a girl of the age of 7 years, in all of whom the old operation, *viz.*, lithotrity, at several sittings was performed. In 4 the modern operation of Litholapaxy, or removal of the stone, at one sitting was done. All these were adults. In all the crushing operation cases, the stone was small and the kidneys apparently healthy. I may here take the liberty of mentioning that in my opinion lithotrity, or if a suitable aspirating instrument be available, litholapaxy is the proper operation for children in India ; and the fact that all the 3 children were cured shows that the opinion is founded on facts personally observed. This operation should be *preferred* to lithotomy, particularly in India, for the same reason that conservative Surgery is to be preferred to amputations, because natives hate all cutting operations and admire all operations where manipulative skill takes the place of the knife. When all dislocations are reduced by Bigelow's improved method, when crushed legs are saved from amputation by antiseptic Surgery, and when all stones are crushed instead of cut, an end will come to the practices of bone-setters and Hakims and others without Legislative interference.

In 13 cases collections of pus were opened by the knife and drained. Of these, there were 6 hepatic abscesses, 4 abdominal and fæcal abscesses, 1 ghetcal abscess and 2 suppurating homeatociles. Of these, 2 hypatic abscess cases proved fatal. In 7 cases operations of more or less severity were performed for necrosis of bones, in one of which the mastoid cells were freely opened up and drained. This case recovered so far as the operation was concerned, but chronic diarrhœa began after the healing of the wound and proved fatal.

Paracuitesis abdominis was done in 5 cases without death and with evident relief to symptoms.

Aspiration was performed once on the bladder, once on the plural cavity and five times in hepatic and iliac abscesses without any bad results and with great relief to symptoms.

Four excisions were done, one of the astragalus, one of the os-calcis, one of the shaft of the tibia and one of the metatarsal bone of the great toe. These were not the regular operations, but as much diseased bone was freely removed as was necessary. Two

were relieved with fairly useful limbs and the rest were cured with excellent results.

In one bad case of ruptured urethra from fractured pelvis, causing retention of urine, Cock's operation was performed. This proved fatal. In one case of vesicoperineal fistula, the result of a lateral lithotomy performed some years before in Poona for an unusually large stone, three applications of the galvanic cautery effected a cure.

In two cases disorganized eyeballs were removed in order to prevent sympathetic ophthalmia, and artificial eyes fitted afterwards with very good results.

Four light strictures were split up by Holt's method, the patients being discharged cured.

7. MORTALITY AND ITS CAUSES.—There were in all 295 deaths, or 11·5 per cent to total treated: 71 deaths occurred within 24 hours and 64 within a week after admission. These last numbers will indicate the serious nature of the cases on admission. Indeed in some cases it seemed as though the patients came to Hospital as a last resource, after they had been badly treated elsewhere, or as though the friends of the patients brought them in order to avoid the trouble of looking after hopeless cases and to save funeral expenses. Diarrhœa, phthisis and dysentery caused the largest number of deaths amongst medical cases. They were admitted in their far advanced stages when no treatment could be of any avail. In many of these cases drugs were of no use, and the only thing that could have saved some of these lives, namely good nursing, was not available for them. Native ward-boys may be very hard working and good at all kinds of menial work, but nursing is an art unknown to them. In the surgical wards the largest number of deaths occurred amongst cases of fracture of the skull, and tetanus. In this last affection again proper nursing, if it could not have saved lives, would have very much smoothed the way to the grave.

The principal causes of death in the medical wards were in the following order of frequency :—

(I).—Diarrhœa, 53, or 54·6 per cent. of total treated. (II).—Phthisis, 36 or 44·4 per cent of total treated. (III).—Dysentery, 33 or 23.2 per cent of total treated. (IV).—Remittent fever, 17 or 30·9 per cent of total treated. (V).—Respiratory affections, 16. (VI).—Diseases of the brain and its membranes, 13. (VII).—Privation, 12. (VIII).—Old age and debility, 9. (IX).—Opium poisoning, 8. (X).—Liver diseases, principally abscess, 6. (XI).—Heart diseases, 4. (XII).—Kidney diseases, 2.

The principal causes of death in the surgical wards were in the following order of frequency :—

Fractures of the skull, with or without laceration of the brain, 14, or 70 per cent of total treated ; tetanus, 10, or 71·4 per cent of total treated ; fractures of other bones, 9 ; wounds including 3 cut throats, 9 ; burns, 4 ; and abscess, 3.

Other causes in the medical and surgical wards detailed in the list appended to the return, 37.

8. VACCINATION—Is not practised at this Hospital.

9. CONDUCT OF THE ESTABLISHMENT.—I have great pleasure in stating that my experience of Mr. C. Easdon, the House Surgeon, fully bears out the statements made in his favour by my predecessors. He has worked night and day incessantly in the interest of this Hospital, utterly regardless of his health, and has made and suggested several important improvements in the Hospital wards and the compound. If it was not for his able assistance I should have sorely felt the want of an assistant medical officer, whose place he has worthily supplied. I have never met in the whole course of my service a more able, efficient, zealous and courteous officer.

3rd Class Hospital Assistant Gopal Raghoonath gave me every satisfaction; he worked hard, behaved well, and took an intelligent interest in his cases. The other Hospital Assistants' characters and qualifications are separately reported in the forms attached to the annual return.

I have already pointed out in this report the nature of the work done at this Hospital. From that it will appear that there is an urgent necessity for an Assistant Apothecary to relieve to a certain extent the House Surgeon of his most arduous duties, particularly night work. As there is only one Compounder and the duties are very heavy, I submit that a large number of Hospital Assistants, or better still, Passed Medical Pupils should be kept permanently attached to this Hospital.

I have nothing but praise for the Steward, Mr. Balcrishna, who has worked well and honestly and given me every satisfaction. He kept the clothing in good order and no patient ever complained of the quality of the food. I inspected the rations daily and found no fault with them.

The Hospital Clerk, Mr. J. P. Rodrigues, performed his duties with great care and gave me entire satisfaction.

10. GENERAL OBSERVATIONS.—Every care was taken to keep the expense within bounds, but the interest of the patients was considered as well as the interest of the Government and the Municipality.

I recapitulate here the principal and urgent requirements of this Hospital.

(1.) Increased accommodation for the reception of patients awaiting admission.
(2.) Increased accommodation for such cases as would not be treated in the general wards of the Hospital without detriment to the other patients in the Hospital.
(3.) Wall or other kind of enclosure for the compound.
(4.) Bathing place for servants.
(5.) An Assistant Apothecary to assist the House Surgeon.
(6.) Permanent establishment of a large number of Hospital Assistants or Passed Medical Pupils or additional trained Compounders.
(7.) Arrangements for the proper nursing of the patients, if possible, by amateur nurses.

D. N. PARAKH, SURG.-MAJ., I.M.D.,
Surgeon to the Gokuldas Tejpal Hospital, Bombay.

BOMBAY, 28*th January*, 1888.

With the consent of the Meeting, the Chairman gave precedence to item 16 on the agenda paper, namely, Resolution of the Corporation No. 3527, dated 30th July 1888, regarding the transfer of the zoological collection in the Victoria Gardens to the Bombay Natural History Society.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"1. That the Acting Municipal Commissioner be requested to obtain legal opinion as to whether, under either the present Municipal Act or the new Bill, the Corporation can make over the animals at the Victoria Gardens, or give a sum of money from the public funds to a Committee of private gentlemen representing a society such as the Bombay Natural History Society, and should it be within the power of the Corporation to give such a money; whether the public can then legally be charged any fee for entrance to the proposed garden?

No. 3562.

"2. That the Acting Municipal Commissioner be also asked to obtain more definite information from the Honorary Secretary to the Society, as to the size and scope of the proposed scheme, its estimated cost, the data on which the estimate of its probable revenue and expenditure are based, and the arrangements proposed for its managements, &c., as the Corporation are of opinion that, if the garden is to prove a success, it must be started on a sound basis, and it would then be desirable to give a much larger sum than that now proposed by the Town Council.

"3. That the Honorary Secretary be informed that in the opinion of the Corporation, if a large sum is given from the public funds, on certain days in the week, besides some of the important native holidays, the garden should be opened to the public; and that, if it be legal to charge gate-money on such days, it will be desirable that the rates for entrance should be considerably lower than those proposed in Mr. Phipson's letter."

*Amendment*, moved by Major Selby, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That para. 2 be *struck out*, and in lieu thereof the following be read:—

"2. That the Commissioner do inform the Council exactly how far the Corporation is bound to the Zoological Society of South Australia.

"3. That the following gentlemen be appointed a Sub-committee with directions to put themselves in communication with the Bombay Natural History Society, and obtain the information asked for by the Corporation as well as any other that they think may be useful :—

"Sir Henry Morland, Colonel Merewether, Javerilal Umiashankar Yajnik."

After discussion the para. 2 of Major Selby's amendment was accepted as part of the original motion.

On a division, there were 2 votes *for* and 8 *against* the amendment which was *lost*. The original motion was *carried nem. con.*

After discussion, it was agreed that the consideration of the following be postponed till this day fortnight :—(1.) Letter, dated 6th July 1888, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's Second Report on the question of the leakage of Malabar Hill Reservoir ; (2.) letter No. 6408, dated 14th July 1888, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's Report on the condition of the John Hay Grant Reservoir ; (3.) letter, dated 24th July 1888, from Major H. O. Selby, containing remarks with reference to the John Hay Grant Reservoir.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th July 1888.*

Report of the B Police Division of fire in a jaoli hut at Nowrojee Hill, on the 22nd July 1888 : damage estimated at Rs. 25.

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BOMBAY, 8*th August* 1888.

AT the regular Meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NANABHOY B. JEEJEEBHOY, Esq. ; RAGHU NATH NARAYAN KHOTE, Esq., C.I.E. ; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B. ; MAJOR H. O. SELBY, R.E. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The ACTING EXECUTIVE ENGINEER ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; the CONTROLLER OF MUNICIPAL ACCOUNTS ; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq., Raghunath Narayan Khote, Esq., was voted to the chair.

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* *See* Appendix B.

The minutes of the Meeting held on the 1st instant, were signed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 3784.—1·81 square yards, or thereabout, at No. 22, Balu Street, at the rate of Rs. 7 per square yard. (In this case, the application for permission to build is made by Mr. Essobjee Adumjee.)

No. 3785.—20·73 square yards, or thereabout, at Nos. 482-488, Nagdevi Street, at the rate of Rs. 20 per square yard. (In this case, the application for permission to rebuild is made by Hadji Abdula Hadji Sumar.)

No. 3786.—6·80 square yards, or thereabout, at Nos. 146-148, Musjid Bandar Road, at the rate of Rs. 75 per square yard. (In this case, the application for permission to rebuild is made by Khatubai and Jasubai.)

No. 3787.—1·73 square yards, or thereabout, at Nos. 15-31, 2nd Cooper Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Mr. Dadumeya Noor Mahomed.)

Read letter No. 8074, dated 7th instant, from the Acting Municipal Commissioner, to the Secretary as follows :—

SIR,—I have the honor to forward the accompanying tracing showing a set-back and set-forward required on the road at the back of the Post Office, Malabar Hill, and to request the sanction of the Town Council to the set-back of 1,183·64 square yards, or thereabout, and the set-forward 267·77 square yards, or thereabout, at the rate of Rs. 3 per square yard. This rate has been fixed by Government Resolution No. 395 C. W. 1258, dated 18th July 1888, and is a moderate one for that locality.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 3788. After discussion, it was agreed, on the motion of Major Selby, seconded by Cowasjee Hormusjee, Esq., that the Acting Municipal Commissioner be requested to place on the table all the papers relating to the ground referred to in his letter No. 8074, dated 7th instant. That the consideration of the same be postponed.

No. 3789. *Resolved* : That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 7503, dated 31st July 1888, sanction be given to the setting forward of Hadji Mahomed Hadji Abba's house at No. 3438, Naron Dhuru Street, for improving the line of the road thereat, and to the sale

to Hadji Mahomed Hadji Abba, of 1·67 square yards, or thereabout, of Municipal land now adjoining and fronting the said house, at the rate of Rs. 15 per yard.

No. 3790.

*Resolved*: That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 7668, dated 2nd instant, the Town Council fix Rs. 30 per square yard as the value of the ground covered by the erection of a weather-frame in front of Mr. Jamsetji Framji Polishwalla's house, Queen's Road (Chowpatti).

Considered again letter, dated 14th June 1888, from Messrs. Thakurdas, Dharamsi and Cama, on behalf of Mr. Kessowjee Poonja, asking that the rate of compensation, sanctioned by the Town Council, in their Resolution No. 1906, dated 16th March 1887, for the 42·32 square yards, or thereabout, of ground taken from their client for the improvement of New Bengalpoora Street, may be increased from Rs. 10 to Rs. 35 per square yard, and that the amount so due may be paid without further delay. (Referred to the Acting Municipal Commissioner on the 14th June 1888 No. 1862.)

Read memorandum No. 7970, dated 7th instant, from the Acting Municipal Commissioner, recommending that the rate for the land in question be increased from Rs. 10 to Rs. 15 per square yard.

Proposed by Surgeon-Major G. Waters, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 3791.

"That the rate fixed by the Town Council in their Resolution No. 1906, dated 16th March 1887, for the 42·32 square yards, or thereabout, of ground at Nos. 37-47, New Bengalpora Street, the property of Mr. Kessowjee Poonja, taken up for the improvement of that thoroughfare, be now increased from Rs. 10 to Rs. 15 per yard, and that Messrs. Thakurdas, Dharamsi and Cama be informed accordingly."

*Carried.*

Considered memorandum No. 7843, dated 4th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 5170 B, dated 3rd idem, from the Acting Executive Engineer.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

No. 3792. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 7843, dated 4th instant, sanction be given to the demolition of privy reconstructed at No. 13, Falkland Road Cross Lane, the property of Mr. Marooti Sayaji Simpi."

*Carried.*

No. 3793. The seal of the Corporation was affixed to deed of conveyance, from Mr. Gokuldas Madhowji, of ground taken up for the improvement line of Gamdevi Road.

The seal was affixed to 3 renewals of old bonds (Drainage Loan of 1878), Nos. 973 to 975, both inclusive.

No. 3794. Considered and *recorded* memorandum No. 7969, dated 7th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchases, renting, sales and work:—

| Supplies, &c. | Renting. | Sales. | Work. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Rs. a. p. |
| Medicine ..... | .... | .... | .... | Messrs. Kemp & Co. | The Executive Engineer, Tansa Water Works. | For Tansa Works Staff. | April 1888.. | 38 0 0 |
| Rolls Ferro Prussiate paper, drawing pens, 24" brass rolling parallel ruler, sectional papers, &c., &c. | .... | .... | .... | Messrs. Thacker & Co. | Do. .. | Do. .. | April and May 1888. | 144 12 0 |
| 1 Roll Whatman's 40" drawing paper. | .... | .... | .... | Do. | Do. .. | Do. .. | March 1888. | 72 0 0 |
| 10 Rolls Ferro Prussiate paper | .... | .... | .... | Do. | The Executive Engineer. | For Office .. | May 1888 .. | 90 0 0 |
| 7 Do. do. .. | .... | .... | .... | Do. | Do. .. | Do. .. | Feb. 1888.. | 63 0 0 |
| Medicine .. | .... | .... | .... | Messrs. Kemp & Co. | The Health Officer. | In connection with the Conservancy Branch. | May 1888 .. | 10 4 0 |
| 12 Large-sized bullocks at the rate of Rs. 100 each. | .... | .... | .... | Messrs. Cursetji & Sons. | The Superintendent of Markets. | For Meat Vans. | June 1888.. | 1,200 0 0 |
| 16 Brass road metal at the rate of Rs. 7 per brass. | .... | .... | .... | Mr. P. Rodrigues. | The Executive Engineer. | For Bandora Slaughter-Houses Compound. | Do. .. | 112 0 0 |

| Supplies, &c. | Renting. | Sales. | Work. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Rs. a. p. |
| 9 Mango Grafts at the rate of Rs. 2 per graft. | .... | .... | .... | Mr. Rustomji Ardaseer Erani. | The Executive Engineer. | For Victoria Gardens. | June 1888 .. | 18 0 0 |
| .... | Rent of a room at Chowpati for March 1888 at Rs. 5 per month. (The room is rented from 1st March 1888 to 28th Feby. 1889). | .... | .... | Mr. Ludha Khoridas. | Do. .. | For sluicemen. | .... | 5 0 0 |
| .... | .... | 635 cart-loads cutchra at pies 9 per cart-load. | .... | Municipality. | Hadji Esa, Hadji Fuzla. | .... | July 1888 .. | 29 12 3 |
| .... | .... | 3 Do. manure at Re. 1 do. | .... | Do. . | Mr. W. George | .... | Do. .. | 3 0 0 |
| .... | .... | 6 Do. do. | .... | Do. . | Mr. H. C. Kirkpatrick. | .... | Do. .. | 6 0 0 |
| .... | .... | .... | Printing 390 Debentures. | The Superintendent, Bombay Education Society's Press. | The Controller of Municipal Accounts. | .... | May 1888 .. | 74 0 0 |
| .... | .... | .... | Do. 156 do. | Do. .. | Do. .. | .... | April 1888.. | 40 0 0 |

No. 3795. Read and *recorded* memorandum No. 8009, dated 7th instant, from the Acting Municipal Commissioner, reporting that he has sanctioned the continuance, up to 31st December 1888, of the Establishment (costing Rs. 210 per mensem), sanctioned by the Town Council, in their Resolution No. 2005, dated 11th January 1888, for supervising the work of laying 27″ water main in Arthur Road; the charge to be debited to the grant provided for Establishment for the Tansa Works.

Read letter No. 7900, dated 6th instant, from the Acting Municipal Commissioner, to the Secretary as follows :—

SIR,—I have the honour to request the sanction of the Town Council to my having employed, from the 3rd to the 31st ultimo, a draftsman on Rs. 30 per mensem, to prepare the tracings for lithographs, &c., in connection with the discussions on Malabar Hill and J. H. Grant Reservoirs. The cost will be debited to my discretional allowance.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 3796. *Resolved :* That sanction be given to the payment of a draftsman at the rate of Rs. 30 per mensem, from 3rd to 31st July 1888, both days inclusive, employed on the preparation of tracings for lithographs, &c.,

in connection with the discussions regarding the Malabar Hill and John Hay Grant Reservoirs, to the debit of savings on the grant of Rs. 2,500, for sinking trial-pits at Malabar Hill Reservoir.

No. 3797. On the application of the Acting Municipal Commissioner, made, in his memorandum No. 7786, dated 4th instant, sanction was given to the transfer of Rs. 160, from savings in Section I., Superintendence and Inspection, Health Department Budget, to Section I, Superintendence, Markets and Slaughter Houses, same Budget, to meet the cost of acting arrangements (including conveyance allowance) made during the absence of Mr. P. C. Higgings, on privilege leave for one month.

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3798. "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 7998, dated 7th instant, sanction be given to the issue to the public, and for use on Municipal Works, of sluice valves and fire hydrants at the following rates :—sluice valves 2 inches at Rs. 20, 3 inches at Rs. 25, 4 inches at Rs. 30, 5 inches at Rs. 35, 6 inches at Rs. 42, 7 inches at Rs. 50, 8 inches at Rs. 60, 9 inches at Rs. 75, 10 inches at Rs. 85,11 inches at Rs. 95, 12 inches at Rs. 115, 13 inches at Rs. 135, 14 inches at Rs. 155, 15 inches at Rs. 170, 16 inches at Rs. 190, 17 inches at Rs. 220, 18 inches at Rs. 250, 19 inches at Rs. 280, 20 inches at Rs. 300, 21 inches at Rs. 400, 24 inches at Rs. 500, single door, Rs. 850, double door, 26 inches at Rs. 650, 27 inches at Rs. 700, 28 inches at Rs. 750, 32 inches at Rs. 800, single doors, Rs. 1,250, double door, 48 inches at Rs. 3,400, and fire hydrants at Rs. 18 each."

*Carried.*

No. 3799. *Resolved :* That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 7687, dated 2nd instant, sanction be given, under Section 90 of the Municipal Acts of 1872 and 1878 to the charging of eight annas per 1,000 gallons, for water supplied to the Parsi Gymkhana.

Considered again letter, dated 3rd April 1888, from Mr. John DeCruz, complaining of alleged nuisance caused by the erection of a privy at Nos. 33-34, Durga Road, Upper Mahim.

Read memorandum No. 7487, dated 30th July 1888, from the Acting Municipal Commissioner, forwarding memorandum No. 6320, dated 11th April 1888, from himself to Mr. DeCruz as follows :—

"No action can be taken in the matter by the Municipality. Should in the future there be any cause of action, it will be taken by the Health Department."

Proposed by the Chairman (Raghunath Narayan Khote, Esq.), seconded by Cowasjee Hormusjee, Esq.—

"That, in reply to his letters, dated 3rd April, 2nd and 28th May 1888, Mr. John DeCruz be informed that no action can be taken by the Municipality in the matter, but that should there be any cause of action in the future, such action will be taken by the Health Department."

No. 3800.

*Carried.*

Considered again petitions, dated October 1887 and 5th June 1888, from residents of Banam Hall Lane, asking that the lane may be declared to be a public one. Referred by the Corporation to the Acting Municipal Commissioner for report. (*Vide* Resolutions of the Corporation, No. 1648, dated 24th November 1887, and No. 2712, dated 5th July 1888.)

Read letter No. 8010, dated 7th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—In reply to a reference as to Banam Hall Lane, I have the honour to inform the Town Council that an attempt was made in 1885 to improve that lane by Notice under Section 159 of the Acts of 1872 and 1878.

2. But on the matter being taken to Court by a person who objected to pay her share of the necessary expenses, Mr. Cooper, chief Presidency Magistrate, decided against the right of the Municipality to recover the expenses, or to force the owners to improve the lane on the ground that the lane was a private one and that, as the public had not possessed a right of way for 20 years over it, the lane did not come within the definition of a "street" as defined in Section 2 of the Acts, and therefore the Municipality had no legal power to take any action in the matter. As the lane has an average width of only 16', and is in one place only 9' 6" in width, I am unable to declare it a public street, (section 161) requiring a minimum width of 24 feet.

3. It will be seen that the state of this lane is entirely brought about by the action of the owners of houses fronting the lane in resisting the attempt of the Commissioner to improve it.

As soon as they are willing to pay the sums, necessary improvements can be effected ; but in face of the Magistrate's decision that the lane is a private one, no further action can be taken by the Municipality without the concurrence of the owners, nor can any further expenditure of

public money be allowed on the improvement of what is declared to be private property.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 3801. On the motion of Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq., it was agreed that the papers on the subject of Banam Hall Lane be referred to the Acting Municipal Commissioner for further consideration, and report as to whether, if the road is put in proper order, levelled, paved, metalled, flagged, channelled, and sewered, it would not be advantageous to take over the lane under Section 160 as a public street.

Considered again letter, dated 23rd July 1888, from Messrs. Tyabji and Dayabhai, on behalf of Messrs. Runchordas Hurjeewandas, Bhimji Moorarji, Gokuldas Dewji and Wellji Soonderjee, asking the Council's sanction to the erection of a vegetable market at Mugbhat.

Read letter No. 7703, dated 2nd instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—Referring to Town Council's Resolution No. 3444 of 25th July, I have the honour to state that the Superintendent of Markets reports that there appears to be no indication of the need of a market in the locality referred to. There is also at present a private market at Cheera Bazar, about 982 yards away from the proposed site, and the Buleshwar and Null Bazar Markets are at a distance of 820 and 1,016 yards from it.

I do not think there is any urgent necessity for a private market in Mugbhat; there are many parts of the town far more distant from markets than Mugbhat.

I do not think a Municipal Market would pay in that locality. If a private market be allowed, it must be on the distinct understanding that the license will not be granted till all orders as to sanitary matters, including width of passages, ventilation, space, &c., have been complied with. If granted, the licensee should also be informed that the Municipality reserve full rights to establish a Municipal Market in the neighbourhood, should this course ever seem desirable.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Major Selby, seconded by Muncherjee Nowrojee Banajee, Esq., it was—

No. 3802. *Resolved:* That the papers on the subject of the proposed erection of a market at Mugbhat, be referred back to the Acting Municipal Commissioner, with a request that he will furnish the Town Council with a form of license which he proposes to issue to the applicants.

Considered application from the Acting Municipal Commissioner, made in his memorandum No. 7997, dated 7th

instant, asking sanction to the payment of Rs. 220, to provide for the cost of 2 Surveyors at Rs. 80 each and 6 Lascars at Rs. 10 each per mensem, for one month, for making survey of the proposed roads east of Ripon Road. The cost to be debited to the grant for Discretional Contingencies.

In the course of discussion, objection was raised to the practice of charging the pay of establishments to the grant for Discretional Contingencies.

Eventually it was decided—

"That sanction be given to the transfer from savings in the Budget grant for Town Council and Corporation Establishment, Section 3, Fees of Councillors, to Executive Engineer's Budget, Section 3, "Surveyors and Draftsmen," of Rs. 220, to meet the pay of two Surveyors at Rs. 80 per mensem each and six lascars at Rs. 10 each ditto, for one month, for making surveys for the new road east of Ripon Road.

No. 3803.

The consideration of the following was postponed till next meeting:—Further letter from Major Selby, regarding the John Hay Grant Reservoir, dated 2nd instant.

It was ordered that letter No. 7929, dated 7th instant, replying to the above, from the Acting Municipal Commissioner, be circulated to the members of the Council.

The following was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 5th August 1888.*

Read letter No. 8006, dated 7th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—*Leakage of the Service Reservoir.*—With reference to the discussion on this subject which is to take place at the meeting of the Town Council next week, I think it would be useful if previous to that meeting, the members visited the Reservoirs and inspected the interior of the Basins when empty.

Mr. Tomlinson informs me that the Distributing Basin at Bhandarwada (that is the one which leaks most heavily) can be emptied ready for inspection at any time the Council may fix after Thursday evening. The Settling Basin at Malabar Hill is also in process of being emptied, and it is probable it will be ready for inspection by Monday or Tuesday of next week. Prior to that time it could be examined by going in boat. All the Basins cannot, of course, be empty at one time; at either Reservoir a storage must be kept to provide against fires and accidents.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

* *See* Appendix **B.**

After discussion, it was ordered that letter No. 8006 of 1888-89, from the Acting Municipal Commissioner, be *recorded.*

No. 3804.

*Resolved:* That sanction be given to the transfer of Rs. 34-6-9, from savings in Section III., Fees of Councillors, Corporation and Town Council Budget, to Section IV. of the same, Printing, Advertisements, &c., to meet the cost of 100 complete sets of the official record of the debates in the Legislative Council, on the Municipal Bill (IV. of 1887).

No. 3805.

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BOMBAY, 15*th August* 1888.

AT the regular Meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the Acting EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

On the motion of Rahimtula Mohamed Sayani, Esq., seconded by Colonel Merewether, Muncherjee Nowrojee Banajee, Esq., was voted to the chair.

The minutes of the meeting held on the 8th instant, were signed.

A note was received from Rao Saheb Vishvanath Narayan Mandlik, C.S.I., stating that he was unable to attend this meeting on account of duties in the High Court.

The Acting Commissioner asked the Council to pass a decision as to the printing of letters addressed to the Council by individual members of it, and said that in his opinion it was illegal for members of the Council to have their letters printed at the expense of the Corporation unless the Council as a body ordered this to be done.

After discussion, it was—

Proposed by Rahimtula Mohamed Sayani, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That in future no letters addressed to the Town Council by individual members be printed at the expense of the Corporation without the same being first placed before a meeting of the Council, and unless therefore the Council direct that such letter be printed."

No. 3839.

*Carried nem. con.*

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 3840.—29·81 square yards, or thereabout, at Vithalwadi Lane, at the rate of Rs. 20 per square yard. (In this case, the application for permission to rebuild is made by Mr. Dhuramsi Sunderdas.)

No. 3841.—20·17 square yards, or thereabout, at No. 134, Dhabu Street, at the rate of Rs. 7 per square yard, *plus* Rs. 396-9-0, as compensation for structure standing on the ground so to be taken up. In this case, the application for permission to add a story to her house, is made by Fatmabai (but the work executed consists of rebuilding the rear main wall, building new privies, and adding story, &c.)

Read the following: (1) Memorandum No. 8368, dated 13th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition of such part of house Nos. 150-154, Musjid Bandar Road, the property of Mr. Paroo Oomersi, as stands over the 14·77 square yards of ground, or thereabout, thereat, required for the improvement of the line of that thoroughfare; (2) letter, dated 15th instant, from Mr. Jamsetjee Cursetjee Cama, on behalf of Mr. Paroo Oomersi, objecting to the demolition and set-back in question.

No. 3842. It was agreed to postpone the consideration of the question and to refer the letter to the Acting Municipal Commissioner for favour of report.

Considered again letter No. 1874, dated 7th instant, from the Acting Municipal Commissioner, *re* the taking up from Government land situate at the road at the back of the Post Office, Malabar Hill.

The papers in the case were this day placed on the table, and it was—

No. 3843. *Resolved:* That sanction be given to the taking up from Government, of 1,183·64 square yards, or thereabout, of land situate at the road at the back and to the west of the Post Office, Malabar Hill, as shown on tracing marked A, dated this day, for the improvement of that thoroughfare, at the rate of Rs. 3 per yard.

That sanction be given to the setting forward of Government property situate at the north-east of All Saints' Church, for improving the line of the said road, and to the

sale to Government of 267·77 square yards, or thereabout, of Municipal land, now adjoining and fronting the said compound, at the rate of Rs. 3 per yard.

The seal of the Corporation was affixed to deeds of conveyance—

No. 3844. From Mr. Nowroji Edulji Ghadiali, of ground taken up for the improvement line of old Sonapore Lane. (The Acting Executive Engineer, in his letter No. 5598B., dated 13th August 1888, to the Acting Municipal Commissioner, states that Mr. Nowroji Edulji Ghadiali is the proper person to receive compensation in this case, not Mr. Nowrojee Edulji Ghadiali for Merbai, widow of Muncherji Shapurjee, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 2436, dated 8th June 1880.)

No. 3845. From Messrs. Dadaji Atmaram and Krishnarao Atmaram, of ground taken up for the improvement line of Kalbadevi Road. (The Acting Executive Engineer, in his letter No. 5624, dated 15th August 1888, to the Acting Municipal Commissioner, states that Messrs. Dadaji Atmaram and Krishnarao Atmaram are the proper persons to receive compensation in this case, not Mr. Dadaji Atmaram, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 104, dated 20th April 1887.)

The seal was also affixed to memorial from the Corporation to the Secretary of State, on the subject of the period for the repayment of the Tansa works and other loans.

No. 3846. Read and *recorded* memorandum No. 8370, dated 13th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchase and sale :—

| Supply. | Sale. | Name of Supplier, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| Coke .. | .... | The Gas Co... | The Executive Engineer. | For Steam Rollers. | May 1888 .. | 231 0 0 |
| | 15 cart-loads turf at Re. 1 per cart-load. | Municipality. | Rao Saheb Vishvanath Narayan Mandlik, C.S.I. | .... | July 1888 .. | 15 0 0 |

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That the following *be recorded*:—Memorandum No. 8506, dated this day, from the Acting Municipal Commissioner, reporting the acceptance by him of tender from Mr. Rastamji Edulji for fixing 259 fire hydrants, or thereabout, in different parts of the city, at rates ranging from Rs. 12 to Rs. 20 each, to the amount of Rs. 4,221 with 10 per cent. contingencies Rs. 422—total Rs. 4,643.

No. 3847.

"That, under the last clause of section 56 of the Municipal Acts, the Town Council dispense with the invitations for tenders in this case, as the tenders received in answer to the advertisements which were issued, were far in excess of the estimated cost."

*Carried.*

Read the following:—

No. 3837 OF 1888-89. BOMBAY, 15*th August* 1888.

TO THE CHAIRMAN, TOWN COUNCIL.

SIR,—I have the honour to report that, with reference to the Audit of the Weekly Statement of Accounts for the 4th instant, Major Selby records the opinion that the debiting of the pay of malees to "Road Repairs" is of doubtful accuracy. Major Selby also calls attention to the fact that a conveyance allowance to the Superintendent of the Victoria Garden is apparently charged to "Repairs of Roads."—I have, &c., H. W. BARROW, Secretary, Town Council.

On the motion of Rahimtula Mohamed Sayani, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved:* That the consideration of letter No. 3837 of 1888-89, from the Secretary, be deferred till the Budget for next year comes on for discussion.

No. 3848.

On the motion of Rahimtula Mohamed Sayani, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved:* That, as applied for by the Acting Municipal Commissioner, in his letter No. 8466, dated 14th instant, sanction be given to the expenditure of Rs. 11,080, to provide for the cost of instruments and the following staff for 8 months, to be appointed as required, for making surveys for pipe sewers and ovoid sewers in Umerkhari, Bhuleshwar, Kharatalao, Tarwadi, Mazagon, Byculla, Chinchpokli, and Parel Districts:—

No. 3849.

6 Surveyors at Rs. 80 per month each, Rs. 480; 7 Surveyors at Rs. 60 per month, each, Rs. 420; 3 Surveyors at Rs. 45 per month each

Rs. 135; 30 Lascars at Rs. 10 per month each, Rs. 300.—Total Rs. 1,335 per month. For 8 months, Rs. 10,680, Instruments Rs. 400—Total Rs. 11,080.

The cost to be debited to the grant of Rs. 11,700, sanctioned by the Corporation, in its Resolution No. 1411, dated the 4th June 1888, for the above surveys.

On the motion of Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., it was—

*Resolved:* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 8369, dated 13th instant, sanction be now given to the services of the following staff having been retained up to 31st July last, for preparing plans and estimates of house connections for houses in Agripada district. The cost to be debited to the savings in the grant of Rs. 3,820, sanctioned by the Corporation, in its Resolution No. 1713, dated 1st December 1887 :—

No. 3850.

3 Surveyors at Rs. 80 per mensem each, Rs. 240; 6 Surveyers at Rs. 60 per mensem each, Rs. 360; 1 Surveyor at Rs. 45 per mensem, Rs. 45; 23 Lascars at Rs. 10 per mensem each, Rs. 230—Total Rs. 875.

Read letter No. 8430, dated 14th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to request the Town Council to recommend the Corporation to sanction an advance of Rs. 18,127-3-5, from Surplus Cash Balance, to be adjusted hereafter to the debit of the Loan to be raised in connection with the extension of Markets, when the total excess over the sanctioned outlay on the improvement of the Erskine Road Market is ascertained. The amount is to be paid to Government, being the value calculated at 25 years' purchase of the abatement of Government revenue of the land at Nal Bazar taken up for the extension of the Erskine Road Market. The Collector was asked what objection there was to the payment of the Land Revenue in the same manner as Mr. Chabildas, namely, yearly, but he replies that, under Rule 30 of the instructions for the administration of the Land Acquisition Act X of 1870, the Municipality is required to pay in addition to the compensation awarded, the value of the abatement of Government revenue calculated at not less than 25 years' purchase.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rahimtula Mohamed Sayani, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Corporation be recommended to sanction an advance of Rs. 18,127-3-5, from Surplus Cash Balance, to be adjusted hereafter to the debit of the loan to be raised in connection with the extension of Erskine Road Market, as sanctioned by the Corporation, in its Resolution No. 1707, dated 1st December 1887, to

No. 3851.

meet the amount of the value calculated at 25 years' purchase of the abatement of Government revenue of the land at Erskine Road, taken up for such extension."

*Carried.*

Read memorandum No. 8040, dated 7th instant, from the Acting Municipal Commissioner, forwarding letter to him from the Health Officer No. 10913, dated 25th ultimo, as follows, and asking the Council's sanction to the payment of the higher rate from 1st July. There is an improvement in the birth registration for the three months ending June, as compared with the corresponding quarter ending June 1887 :—

SIR,—In reference to the Town Council's No. 2551, of the 14th March, forwarded with your No. 19032 of the 24th March, I have the honour to report that, through the arrangement of paying Registration Karkoons by birth result, there has been no additional outlay. Herewith is attached a return showing the births and birth-rate per 1000 of population in the six districts in which the experiment has been tried. I suggest that the rate of paying Birth Registration Karkoons be increased to annas 4 per birth.—I have, &c., T. S. WEIR, Health Officer.

Proposed by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major Waters—

No. 3852. "That, as recommended by Acting Municipal Commissioner, the rate fixed by the Town Council, in their Resolution No. 2551, dated 14th March 1888, for payment to the Registration Karkoons for each birth registered by them, be increased, from and after the 1st July 1888, from annas 3 to annas 4 per each birth."

*Carried.*

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

No. 3853. *Resolved:* That the following be referred to the Acting Municipal Commissioner in continuation of the Town Council's Resolution No. 3801, dated 8th instant :—Letter, dated 11th instant, from Mr. Pranjeewandas Whagjee, on behalf of the residents and landlords of Banam Hall Lane, asking that the lane may be declared a public street, the landlords undertaking the expenses of and incidental to further levelling, metalling, &c., of the lane.

Read memorandum No. 3818, dated 11th instant, from the Clerk and Secretary, forwarding for favour of remarks by the Council, as per Resolution of the Corporation, 12th December 1887, petition, dated 11th instant, from

Mr. Dosabhoy Cursetjee Mody, asking that application for a water connection to his houses at Khetwady 7th Lane may be favorably considered.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy Esq., it was—

*Resolved:* That the Town Council beg to recommend the Corporation to inform Mr. Dosabhoy Cursetjee Mody, in reply to his letter of the 11th instant, that the granting of water connections is a matter within the province of the Municipal Commissioner who, on the 31st ultimo, wrote to Mr. Dosabhoy Cursetjee Mody, stating that his application cannot be granted.

No. 3854.

Read letter No. 8429, dated 14th instant, from the Acting Municipal Commissioner, to the Secretary on the subject of the licensing of a proposed private market in Mugbhat.

Proposed by Rahimtula Mohamed Sayani, Esq., seconded by Surgeon-Major Waters—

"That Messrs. Tyabji and Dayabhai, on behalf of Messrs. Runchordas Hurjeewandas, Bhimji Moorarji, Gokuldas Dewjee, and Welljee Soonderjee, be informed that, provided they first of all comply with the following conditions, the Town Council, on the application of the Acting Municipal Commissioner will be prepared to grant license on the completion of the proposed market building, in accordance with the said conditions :—

No. 3855.

(1.) A clear space of 15 feet wide to be left between the walls of the buildings surrounding the market and the edge of the plinth of the stalls forming the market.

(2.) All drainage requirements to be carried out as ordered by the Commissioner.

(3.) Sufficient cisterns to be provided at a proper elevation to permit of the use of a hose for the purpose of scouring the pavement and gutters; these to be provided as ordered by the Commissioner.

(4.) All requirements as to pavement, ventilation, &c., to be carried out as required by the Building Department.

(5.) A clear passage of not less than *ten* feet to be left between each two rows of stalls throughout their length.

"That the Municipality reserves to itself full liberty to erect a market of its own in the immediate vicinity of this

proposed private market, whenever it may appear desirable to the Corporation to provide such a public market."

*Carried.*

Considered the Health Officer's Report for the First Quarter of 1888.

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.—

"That the Health Officer's Report for the First Quarter
No. 3856. of 1888, be passed on to the Corporation."

*Carried.*

Considered memorandum No. 8465, dated 14th instant, from the Acting Municipal Commissioner, forwarding letter No. 1468, dated 10th idem, from the Controller of Municipal Accounts, as follows, and asking the Council to recommend the Corporation to sanction the renewal of the Lapsed Grants for 1887-88.

SIR,—I have the honour to forward herewith the accompanying list of the grants for the past official year not expended before the end of that year, but which will have to be spent during the current year, and to request that you will be pleased to obtain the sanction of the Town Council and Corporation, to meet these liabilities aggregating Rs. 5,25,940-15-8, out of the lapsed grants aggregating Rs. 5,33,735-10-8. The saving of Rs. 7,794-11-0 on the lapsed grants for 1887-88, goes to enhance our Cash Balance.

Pending the sanction of the Corporation to the renewal of these grants, payments have been made on account of the same out of available balances as sanctioned by the Town Council in their resolution No. 835, dated 2nd May 1888.—I have, &c., SORABJI NAVAROJI COOPER, Controller of Municipal Accounts.

List of Lapsed Grants for 1887-88, which require to be renewed during 1888-89.

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Town Council and Corporation Establishment.* | | | | | |
| Section V.—Contingencies, stationery, printing, &c. ... ... ... ... | 1,291 9 8 | 1,291 9 8 | 1,291 9 8 | 1,291 9 8 | ..... |
| *Public Health Department, Conservancy Branch.* | | | | | |
| Section IV.—Repairs ... ... ... | 1,399 10 5 | | 676 6 7 | | |
| „ X.—Halalcore Branch, E—Repairs ... ... ... | 3,231 1 6 | 4,630 11 11 | 1,403 1 6 | 2,079 8 1 | 2,551 3 10 |
| *Vaccination.* | | | | | |
| Extra establishment and contingent charges incurred in connection with the small-pox epidemic ... ... | 3,215 0 7 | 3,215 0 7 | 2,702 14 5 | 2,702 14 5 | 512 2 2 |
| Carried forward ... Rs. | | 9,137 6 2 | | 6,074 0 2 | 3,063 6 0 |

List of Lapsed Grants for 1887-88, which require to be renewed during 1888-89.

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grants lapsed. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought over...Rs. | | 9,137 6 2 | | 6,074 0 2 | 3,063 6 0 |
| *Public Works, Municipal Engineer's Department—Lighting.* | | | | | |
| Section II.—Gas Lighting, D—Contingencies ... ... ... | 1,864 4 1 | | 1,819 8 0 | | |
| | | 1,864 4 1 | | 1,819 8 0 | 44 12 1 |
| *Road Repairs and Watering.* | | | | | |
| A—*Road Watering.* | | | | | |
| Section I.—Bhistees ... ... ... | 1,705 15 8 | | 230 12 0 | | |
| „ II.—Water carts ... ... | 5,413 9 9 | | 5,413 9 9 | | |
| „ III.—Repairs to water posts, Persian wheels, &c. ... | 1,414 12 1 | | 1,280 13 4 | | |
| | | 8,534 5 6 | | 6,925 3 7 | 1,609 2 5 |
| B—*Road Repairs.* | | | | | |
| Section I.—Purchase of materials, road metal, &c.... ... | 22,092 14 0 | | 22,092 14 0 | | |
| „ II.—Cart hire and labour, including road scraping ... | 19,437 13 4 | | 19,437 13 4 | | |
| „ V.—Contingencies and stores. | 7,374 3 3 | | 7,374 3 3 | | |
| „ III.—Paving footpaths ... | 25,779 10 7 | | 25,779 10 7 | | |
| „ IV.—Maintenance of steam rollers, &c. ... ... | 1,047 6 6 | | 1,047 6 6 | | |
| „ VI.—Ground rent ... ... | 49 2 10 | | 30 0 0 | | |
| „ IX.—Proportionate cost of re-metalling the area of drainage trenches ... | 38 2 11 | | 38 2 11 | | |
| | | 75,819 5 5 | | 75,800 2 7 | 19 2 10 |
| *Improvement of Streets.* | | | | | |
| Compensation for ground ... ... | 47,294 6 0 | | 47,294 6 0 | | |
| | | 47,294 6 0 | | 47,294 6 0 | ..... |
| *Drainage—Miscellaneous Drainage.* | | | | | |
| Sections II. and IV.—Cleaning, repairs and alterations to miscellaneous drains and gutters and construction of new drains ... ... ... ... | 9,520 1 10 | | 9,520 1 10 | | |
| | | 9,520 1 10 | | 9,520 1 10 | ..... |
| *Maintenance of Love Grove Pumping Station.* | | | | | |
| Section III.—Repairs to machinery ... | 1,038 11 10 | | 1,038 11 10 | | |
| „ IV.—Contingencies and stores.. | 1,169 12 0 | | 1,169 12 0 | | |
| | | 2,208 7 10 | | 2,208 7 10 | ..... |
| *Cost of Establishment for preparing plans and estimates of House Sullage Water Connections in Agripada* ... | 3,820 0 0 | | 3,820 0 0 | | |
| | | 3,820 0 0 | | 3,820 0 0 | ..... |
| *Municipal Debt Interest and instalment on account of different Loans and charges on account of Loans.* | | | | | |
| Debitable to Municipal Fund ... ... | 65,655 4 0 | | 62,731 6 2 | | |
| Do. Water Works Fund ... | 14,402 1 8 | | 14,402 1 8 | | |
| | | 80,057 5 8 | | 77,133 7 10 | 2,923 13 10 |
| *Victoria and Albert Museum.* | | | | | |
| Collection of Art-ware ... ... ... | 1,000 0 0 | | 1,000 0 0 | | |
| | | 1,000 0 0 | | 1,000 0 0 | ..... |
| Carried forward ... Rs. | | 2,39,255 10 6 | | 2,31,595 5 4 | 7,660 5 2 |

## List of Lapsed Grants for 1887-88, which require to be renewed during 1888-89.

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought over ... Rs. | | 2,39,255 10 6 | | 2,31,595 5 4 | 7,660 5 2 |
| *New Works.* | | | | | |
| New latrines and urinals ... ... | 6,254 8 2 | | 6,254 8 2 | | |
| Improvement of Bandora Slaughter House premises ... ... ... | 4,145 0 3 | | 4,145 0 3 | | |
| Construction of Small-pox Hospital... | 31,617 15 9 | | 31,617 15 9 | | |
| Vaccination Quarters and Stables to be erected near the Municipal Workshops ... ... ... ... ... | 15,000 0 0 | | 15,000 0 0 | | |
| Health Department Stables in F. & G. Wards ... ... ... ... ... | 8,769 3 7 | | 8,769 3 7 | | |
| Ward Offices, Assessment Department | 14,920 2 1 | | 14,920 2 1 | | |
| Engineer's Chowkies ... ... ... | 19,947 2 6 | | 19,947 2 6 | | |
| Cost of erection of one of the proposed Cholera Hospitals ... ... ... | 13,160 0 0 | | 13,160 0 0 | | |
| Construction of a new cross road from Ripon Road to Byculla and laying a 9″ pipe sewer along the same ... ... ... ... ... | 5,513 10 0 | | 5,513 10 0 | | |
| Purchase of land for do. ... ... | 4,259 9 0 | | 4,259 9 0 | | |
| Experiments in kutchra burning ... | 5,926 0 9 | | 5,926 0 9 | | |
| Constructing two culverts at Malabar Hill Road near Chowpatti ... ... | 3,280 7 10 | | 3,280 7 10 | | |
| Charni Road extension to Falkland Road ... ... ... ... ... | 13,958 12 10 | | 13,958 12 10 | | |
| Purchase of land for new road from Parel level crossing to the junction of Haines and Worlee Roads ... | 1,437 14 1 | | 1,437 14 1 | | |
| | | 1,48,190 6 10 | | 1,48,190 6 10 | |
| *Fire Brigade.* | | | | | |
| Section XI.—New charges on account of Fire Brigade ... ... ... | 37,521 6 1 | | 37,520 13 7 | | |
| | | 37,521 6 1 | | 37,520 13 7 | 0 8 6 |
| *Nesbit Road Bridge* ... ... ... | 33,674 4 10 | | 33,674 4 10 | | |
| *Water Works Account—Maintenance.* | | 33,674 4 10 | | 33,674 4 10 | |
| Section III.—Repairs to plant ... ... | 1,477 2 9 | | 1,477 2 9 | | |
| „ IV.—Miscellaneous Stores ... | 4,427 10 8 | | 4,427 10 8 | | |
| „ V.—Contingencies ... ... | 1,287 5 10 | | 1,287 5 10 | | |
| | 7,192 3 3 | | 7,192 3 3 | | |
| *New Works.* | | | | | |
| Compound wall to enclose the reservoir and filter beds at Bhandarwada ... | 900 13 4 | | 767 0 0 | | |
| Making certain alterations to the meter arrangements at the Mazagon Bunder | 856 0 0 | | 856 0 0 | | |
| Laying mains in Lady Jamsetjee and other roads ... ... ... ... | 25,691 15 9 | | 25,691 15 9 | | |
| Filling in the compound of the Water Works Stores at Chinchpokli and constructing new offices and store room and a stove or tank for dipping pipes ... ... ... ... ... | 19,902 3 9 | | 19,902 3 9 | | |
| Alterations of mains for Deacon's meter system and fixing additional meters ... ... ... ... ... | 4,581 12 4 | | 4,581 12 4 | | |
| Constructing a chawl at Vehar ... | 12,000 0 0 | | 12,000 0 0 | | |
| Constructing Inspector's quarters at Bhandarwada ... ... ... ... | 3,968 14 0 | | 3,968 14 0 | | |
| | 67,901 11 2 | | 67,767 13 10 | | |
| | | 75,093 14 5 | | 74,960 1 1 | 133 13 4 |
| Total ... Rs. | | 5,33,735 10 8 | | 5,25,940 15 8 | 7,794 11 0 |

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Corporation be recommended to sanction the renewal of lapsed grants for the year 1887-88, aggregating Rs. 5,25,940-15-8, as per list accompanying the Acting Municipal Commissioner's memorandum No. 8465, dated 14th instant."

No. 3857.

*Carried.*

The consideration of the papers relating to the question of the leakage of Malabar Hill and John Hay Grant Reservoirs, was postponed, and the Secretary was directed to insert the papers as the next item of business after the set-back cases in the agenda paper for next meeting.

Read the following :—

Letter No. 8499, dated 15th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to the Resolution of the Town Council, No. 3562, dated 1st instant, I have the honour to forward herewith copies of the opinion of the Solicitors and of the letter from the Honorary Secretary, Bombay Natural History Society, and to say that at an interview that I had with the Honorary Secretary on this subject, I discussed at great length the desirability of keeping the garden open to the public free of charge at least once a week, but after hearing the arguments advanced by Mr. Phipson, I think that some charge must be made, and though Mr. Phipson does not agree with me I think a charge not exceeding one pice, *i.e.*, 3 pies a head, should be insisted on on native holidays, and perhaps on the last Saturday in each month. As regards the Adelaide Gardens, I attach a precis of the correspondence on the subject which will show that attempts were made to send animals to Adelaide, but these failed owing to the refusal of the shipping companies to carry panthers, and to the very high freight asked for other animals. Though in no way legally bound to send animals, I think that, if possible, in future we should send a few animals in return for the kindness of the Adelaide Gardens in sending us animals at the request of Sir J. Fergusson.

It will be seen that the Solicitors consider that there would be no objection to hand over the animals at present, and as soon as the new Act becomes law, there will be no objection to the grant of a contribution to the Natural History Society.

As the Act will be in force long before the Natural History Society are ready to receive the animals, there is no objection to the discussion of the subject now.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Letter, dated 4th instant, from Messrs. Crawford and Buckland to F. L. Charles, Esq., Acting Municipal Commissioner :—

SIR,—In acknowledging the receipt of your No. 7718, dated the 7th ultimo, we have the honour to state that, having regard to the provisions of

Sections 136 and 137 of the present Municipal Acts, we are of opinion that it is not legally competent to the Corporation to grant money to the Natural History Society for the purpose of maintaining their zoological collections or otherwise for the purposes of the Society, but we can see no objection whatever to such a grant being made under Section 63 (*d*) of the new Act, when it becomes law, and further we do not see that the proposal of the Natural History Society to charge fees for entrance to their proposed garden will in any way affect the right of the Municipality to make such grant, provided of course that the garden and the zoological collection of the Natural History Society are made public (as no doubt they will be) in the sense that the public will have access to them by payment.

As regards the present zoological collection of the Municipality it appears to us that, strictly speaking, the Corporation were not legally justified in expending Municipal moneys upon procuring or maintaining them. Having done so, however, the collection no doubt is the property of the Corporation, and as such can, we think, be disposed of in such manner as the Corporation shall deem proper.

The result, it will therefore be seen, is that, in our opinion the collection may be transferred to the Natural History Society, and that when the new Act has become law, but not until then, it will be legally competent to the Corporation to grant a sum to the Society for maintaining the garden and zoological collection which the latter propose to establish.—We have, &c., CRAWFORD & BUCKLAND.

Letter dated 10th instant, from the Honorary Secretary, Bombay Natural History Society, to the Municipal Commissioner :—

DEAR SIR,—With reference to our conversation on Monday last regarding the Zoological Garden and the inquiries contained in the proposition carried at the Meeting of the Corporation on 30th ultimo, I am requested by the Committee of the Bombay Natural History Society to inform you that—

(1). With respect to the "*size and scope of the proposed scheme,*" the Committee can give you no definite information, as the success of the project will depend entirely on the amount of support which the Society will receive from its members and the public.

This Society was, as you doubtless remember, started less than five years ago, with 6 members and an annual revenue of Rs. 60. It now numbers 420 members producing an income of Rs. 6,300 a year, by means of which it maintains a private museum in the Fort and distributes free of charge to its members an illustrated journal of the proceedings and transactions of the Society.

The Committee are confident that if the Society is able to start a Zoological Garden of its own, on a convenient site, without relaxing its efforts to make its museum and monthly meetings a source of interest to its members, the support which it has hitherto met with will be greatly increased and its income proportionately enlarged. It is consequently as difficult to give the Municipality an estimate of the size and scope of the proposed scheme as it would have been five years ago to foresee what the cost would be of forming such a museum as the Society now possesses. The result has been brought about entirely by the individual efforts of the members of the Society, and the Committee see

no reason to suppose that these efforts will decrease as the usefulness and popularity of the Society's work is extended.

The sum of Rs. 51,900 has been subscribed within one month in support of the proposed Zoological Garden, and it is encouraging to note that the larger part of this sum is from people who have not as yet joined the Society.

(2). As regards the probable expenditure, the Committee are of opinion that the above sum will suffice for the cost of fencing in and laying out the grounds, including the working expenses extending over a period of two years, by which time it is anticipated that a small, compact and highly attractive collection can be got together.

The probable permanent expenses after the garden has been started, are roughly estimated as follows :—Superintendent, Rs. 300 per month ; 15 Mallees at an average of Rs. 10, Rs. 150 per month ; 10 Keepers at Rs. 11, Rs. 110 per month ; 2 Clerks at Rs. 50 and 30, Rs. 80 per month ; Water (say) Rs. 400 per month : Rs. 1,040 ; Contingencies Rs. 260 : total Rs. 1,300 per month, or say, Rs. 15,600 a year.

This does not include the cost of food which would depend upon the number and description of the animals in the collection, but the Committee estimate that if the Municipality would contribute the sum of Rs. 8,000 annually, it would suffice for that purpose, while the Rs. 15,600 would be forthcoming from the public in the shape of gate money and season tickets.

As to admitting the public free of charge on certain days in the week, the Committee are of opinion that such a course would destroy the possibility of obtaining a revenue by means of subscriptions, and would so seriously interfere with the management of the garden, as to render the proposal impracticable. The suggestion could only be entertained in the event of the Municipality making the grant from Rs. 20,000 to Rs. 30,000 a year. The Committee would be inclined to agree to a very small charge being made on all recognized native public holidays, when the poorer class of people would be likely to visit the garden.—I have, &c., H. M. PHIPSON, Honorary Secretary.

PRECIS.

In accordance with the expressed wishes of Sir James Fergusson, the Director of the Adelaide Gardens sent in a collection of Australian animals, as per margin, and birds for the Victoria Gardens, Bombay. He wrote to the Executive Engineer, stating that he hoped to receive in return a collection of animals from the Victoria Gardens.

2 emus ; 2 kangaroos ; 2 dingoes ; 2 Rock Wallaby and 2 kangaroo rats ; 2 black swans ; 2 native geese ; 8 pairs of parrots, various.

The Executive Engineer reported to the Commissioner that a number of animals, *viz.*:—1 pair of panthers ; 1 pair of sambers ; 1 pair of gazelles ; 1 pair of spotted deers ; 1 pair of jackals ; 1 pair of peacocks ; 6 doves ; 12 pigeons ; 6 quails ; 4 red-faced monkeys—could be spared for transmission to Adelaide, but that the P. and O. Company declined to take panthers and jackals. Their charges for the other animals with cages amounted to Rs. 1,098.

The Controller suggested that the P. and O. Company might be asked to convey the animals from Bombay free of charge in the same way as they brought the animals from Adelaide.

The Executive Engineer stated that efforts to secure a free passage for the animals had failed, and that the Directors of P. and O. Company have decided not to convey panthers and jackals.

Letter from the Director of the Adelaide Gardens, asking certain animals from the Victoria Gardens in return for those sent from Adelaide.

The Commissioner replied that he could send a few of the animals from the Victoria Gardens, but that as the Shipping Agents in Bombay refused to carry them, they might arrange with other Shipping Agents to convey them to Adelaide.

The Director of the Adelaide Gardens then asked for such animals and birds as would be received on board the Company's steamers.

The Executive Engineer, in reply to a reference from the Commissioner, forwarded copy of letter, dated 25th November 1886, from the Superintendent, P. & O. Company, stating that they would take the animals to Adelaide in January or February next.

The Commissioner, in forwarding copy of the P. & O. Company's letter to the Director of the Adelaide Gardens, inquired if it would suit them to receive the animals if despatched from Bombay in January or February.

The Executive Engineer forwarded copy of further report received from the P. & O. Company in which the Company state that the charge for carrying the animals would amount to Rs. 1,900, inclusive of the cost of a return ticket for the man to be sent in charge of the animals to Adelaide.

The Controller reported that an additional grant from surplus cash balance will have to be obtained with the sanction of the Town Council and Corporation for the purpose.

The Director of the Adelaide Gardens, in reply to the Commissioner's reference, stated that he would be glad to receive the animals in January or February.

The Executive Engineer, in reply to a reference from the Commissioner, stated that he was not aware what freight the Adelaide people paid for the animals, and reported that animals if sent would be paid for by the authorities there. The Commissioner then informed the Director of the Adelaide Gardens that owing to the heavy freight he was unable to send the animals.

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It was agreed that the foregoing papers be printed and circulated and brought on for discussion at the next meeting of the Council.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 12th August 1888.*

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BOMBAY, 22*nd August* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHU-

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* *See* Appendix **B.**

NATH NARAYAN KHOTE, Esq, C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

On the motion of Raghunath Narayan Khote, Esq., seconded by Muncherjee Nowrojee Banajee, Esq., Colonel G. L. C. Merewether was voted to the chair.

The minutes of the meeting held on the 15th instant, were signed.

Sanction was given to the taking up of the following piece of ground required for the improvement line of street:—

No. 3877. 1·05 square yards, or thereabout, at Kumbharwada Street, at the rate of Rs. 4 per square yard. (In this case, the application for permission to rebuild is made by Mr. Bala Kasar).

No. 3878. On the question of the proposed demolition of such part of house Nos. 150-154, Musjid Bandar Road, as stands over the ground, required by the Municipality for the improvement of the thoroughfare thereat, it was agreed that the matter be postponed to allow of the Acting Municipal Commissioner's communicating further with Mr. Peeroo Oomersi, the owner of the ground.

With the consent of the meeting, the Chairman gave precedence to items 9, 10, 11 and 22 on the agenda paper, regarding demolition at Kamathipura 2nd Street, Parel Road, and Khetwadi Back Road; also application for transfer.

Read memorandum No. 8420, dated 14th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 5552, dated 13th idem, from the Acting Executive Engineer.

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel Merewether—

No. 3879. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 8420, dated 14th instant, sanction be given to the demolition of shed built at Kamathipura 2nd Street, the property of Mr. Moonajee Neeloojee."

*Carried.*

Read memorandum No. 8421, dated 14th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 5554B, dated 13th idem, from the Acting Executive Engineer.

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel Merewether—

No. 3880. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 8421, dated 14th instant, sanction be given to the demolition of shed built at No. 85, Parel Road, the property of Mr. Morarjee Vitooji."

*Carried.*

Read memorandum No. 8754, dated 17th instant, from the Acting Municipal Commissioner, asking the Council's sanction to the demolition specified in letter No. 5688B, dated 16th idem, from the Acting Executive Engineer.

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel Merewether—

No. 3881. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 8754, dated 17th instant, sanction be given to the demolition of stable built at Khetwadi Back Road, the property of Khoja Laduk Hadji."

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3882. "That, as recommended by the Acting Municipal Commissioner, in his letter No. 8914, dated 22nd instant, sanction be given to the transfer of Rs. 120, from savings in Section I., Superior Staff, Engineer's Budget, to Section II., A, Office Establishment, same Budget, to meet the pay of a clerk on a salary of Rs. 20 per mensem, for 6 months for taking the drainage stock at Bellasis Bridge, and for bringing up the arrears in the drainage records (accounts and correspondence)."

*Carried.*

Considered the following :—

Letter, dated 6th July 1888, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's second report on the question of the leakage of Malabar Hill Reservoir.

Letter No. 6408, dated 14th July 1888, from the Acting Municipal Commissioner, forwarding Mr. Tomlinson's report on the condition of the John Hay Grant Reservoir.

Letter, dated 24th July 1888, from Major H. O. Selby, containing remarks with reference to the same Reservoir.

(*See* minutes of the Meeting of the Town Council held on the 25th July 1888.)

Also the following:—

No. 2300 OF 1888-89. BOMBAY, 31*st July* 1888.

From S. TOMLINSON, Esq., ASSOC. M. INST. C.E., F.R. MET. SOC.,
Deputy Executive Engineer in charge Water Works,

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner.

## Second Report on the Condition of the John Hay Grant Reservoir.

SIR,—I have the honour, as verbally directed by you on the 26th instant, to report on the points raised by Major Selby in his minute on the John Hay Grant Reservoir, submitted to the Town Council on the 25th instant.

2. I should not describe the works as a "great" or "grave" failure. The works, so far as I know, are perfectly stable, and, as connected with docks, railways, streets, would be properly described as good. The failure only commences when we deal with their watertightness. In this respect (of course the most important in this case), they are imperfect; but 270,000 square feet of surface do not pass as much water as would one three inches pipe passed through the bottom of the Storage Basin wall; nor, for example, is the leakage more than is stopped every two months by the Waste Prevention Department at a cost of about Rs. 3,000. The misconception on the point of what must be the condition of the works cannot be better illustrated than by Major Selby's not being surprised (as expressed in the meeting of the Town Council) "if the floor were cracked, and he should rather think it was in this case." Neither at Malabar Hill nor at Bhandarwada is any such failure required to account for the leakage occurring. Neither need there have been any such scamping as we have this year exposed in the Vehar Lake Waste Weir, executed under the supervision of Government Engineers when the lake was built, and which has resulted in the leakage of 1¼ millions of gallons per day since that time when the lake has been full. The weir is only 358 feet long, and the leakage stops when the water falls 10 feet.

How far the failure is serious and from what it arises will be better perceived when we have disposed of the other points raised by Major Selby.

3. "*Who was responsible for this failure to ensure good work?*"—The imperfection in this case arises mainly from the want of efficiency of the mortar. The responsibility for securing good work rests, in every contract, most emphatically upon the contractor, who binds himself under penalties to do it. If the contractor be not responsible for the bad quality of his work, why is he required to maintain it and why is he subject to penalties if the work be not good?

I go further and say that, if a contractor firmly makes up his mind to do bad work, the *only* method to prevent bad work being done is to *stop that* contractor altogether. Interrupt a speech as much as you choose, but if you allow the speaker to continue, he will by-and-bye have said all he intended to say, and perhaps more. If the relationship between engineer and contractor is that of policeman and thief, the estate will suffer whatever becomes of the latter.

I consider, however, that the contractor's responsibility ends with the work, and does not extend to any defects in the design for which he ought not to be held responsible.

In this case whilst the contractor can never divest himself of or escape from the undertaking to which he bound himself, I am of opinion that a responsibility does rest upon the Engineer, my predecessor, Mr. Braham. His defence, if he were here, might be complete. There are two questions which I cannot satisfactorily answer for him. These are :—First, when the contractor systematically, either from ignorance or wilfulness, did not proceed with the work in a style likely to have a good result, why did Mr. Braham not divest himself of further responsibility by recommending the Municipal Commissioner to take the contract out of his hands ? The partial answer is, that matters proceeded frequently in this direction, but that the contractors evaded the complete step by new promises and undertakings.

The second question is, why was not the actual state of the works carefully determined before they were taken over ?

If a bad contractor is to *be allowed to proceed* with the work, no doubt strict supervision is necessary. The inspection staff on these works was in my opinion quite insufficient and inefficient for such a work, and such contractors ; and whoever is responsible for that, is responsible in part for the state of the works to-day.

4. *Was the original design a good one ?*—Along with this, I will take the particular points raised in para. 3 of Major Selby's minute as follow ; —

1. On what kind of ground was the flooring laid ?
2. Was it permeable ?
3. If rock, had it fissures ?
4. If so, were the fissures stopped before the floor was laid ?
5. Does Mr. Tomlinson consider that, taking its area and the depth of water, it was sufficiently thick and strong ?
6. Does Mr. Tomlinson consider that the puddle wall was sufficiently thick,and that it was carried down sufficiently low?

I think I cannot be expected to have any *views* or *opinions* on questions Nos. 1, 3 and 4. I presume Major Selby wishes to have what information I have gleaned upon these matters. This is, as gathered from the two Inspectors on the work, first in 1886 and again now, and compared with drawings :—

The surface of the rock or hard moorum was everywhere bared in the first instance.

The fissures which were very small, were cleaned out and grouted with thin lime mortar.

The foundations for the walls where there was no concrete underneath were levelled up with small chips laid in mortar.

The floors were levelled up with dry rubble, where the foundation was rock and with concrete where it was moorum.

By levelling up I mean that the irregularities in the rock excavation, as would naturally occur, were first filled in the way stated.

Where the surface of the rock was considerably below the level of the floors, the space was filled up to the required level with a 2 feet layer of concrete on the bottom and a 9 inches layer on the top, the intervening material being dry rubble.

As to question No. 2, I am of opinion that the actual solid trap stone met with would be practically impervious, but that small fissures would exist in the rock, through which water under pressure would find its way.

*Question* No. 5.—*Do I consider, that taking its area and the depth of water, the floor was sufficiently thick and strong?*—I think the irregularities between the proper level of the bottom of the floors and the actual surface of the rock should have been filled with concrete. I cannot trace, however, any evil effect of the filling being with dry rubble.

I am not in favour of such composite floors. This floor has a layer of concrete 9 inches thick in the filters, 12 inches in the Distributing Basin, and 18 inches in the Storage Basin. The heads of water are respectively 6 feet 6 inches, 15 feet, and 30 feet. On the surface of the concrete was laid ½ inch of Portland cement mortar (2 to 1), and on the top of this again neat Portland cement ¼ inch thick.

Being laid on rock, this floor was strong enough to withstand the crushing strain. Whether it was thick enough to prove practically watertight depends upon its quality. Some lime concrete is excellent; but I should not feel confident in relying upon 9 inches to 12 inches or 18 inches in the respective cases proving sufficient. Evidently great difficulty was experienced in laying the neat Portland cement which cracked and had to be relaid.

In my opinion where first-rate results are intended to be obtained, there is no material equal to about 6 to 1 Portland cement concrete, and the thicknesses should have been in this material 12 inches, 18 inches, and 24 inches respectively. The surface of the last layer should be well trowelled, but no separate rendering done.

*Question* No. 6.—*Do I consider that the puddle wall was sufficiently thick, and that it was carried down sufficiently low?*—This is the only matter upon which I consider the design to be quite wrong. The puddle is used on the northern and western sides, that is, where the walls are above the natural surface. It is protected by a bank of earth. I do not think it is of the least use. I do not understand why a wall of from 6 feet to 15 feet in thickness should ask for the assistance of a thin sheet of puddle. If it were intended to rely only on the puddle for watertightness, it is certainly not thick enough. If it were intended to rely partly on the wall and partly on the puddle, it betrays a lack of faith in the materials. The money spent on puddle would have been more likely in these circumstances to have been better invested in neat cement pointing to both faces of the wall, as far as possible. It is true that puddle has been largely used for backing to underground walls of Service Reservoirs, but not so extensively in recent years, and less in Germany than Britain; but I do not find, out of 50 reservoirs, any instance of the use of puddle in a similar position or behind a wall of similar dimensions.

The answers to questions Nos. 5 and 6 embody the main objections to the design. There are other points of less importance, but different Engineers would of course deal with details in a different manner and the circumstances of the moment known only to the Engineer may dictate the result in these matters. The works appear to me to have proved of great service: the filters are very successful, so far as they go, and they were only recommended by the Consulting Engineer to be reduced to the smaller size for the present. The time has arrived, I think, for considering whether the finances of the Municipality will now

permit of the original proposal being carried out. The general design of the works would also be improved by storing filtered instead of unfiltered water in the storage basin, which is sent to the city in cases of emergency.

The structure of the walls—uncoursed rubble—is that which has in India as elsewhere been found to answer best for Reservoirs. I think pointing in cement should have formed a part of the original design; it was subsequently partially carried out in the Distributing Basin. I do not think the partition walls of the filters are a fair sample of the walls in the larger basin; but if they be, the whole of the walls are built in a most inferior manner. That is the fault of execution, not of design.

For thin walls intended to resist water, the cementing material should be of the most superior kind, and if regular supplies of hydraulic mortar of that quality cannot be relied upon, Portland cement should be used.

To sum up, then, it appears that, whilst the original design was capable of improvement, the execution of it has not done justice to it.

5. c. *Was the contractor's tender recommended for acceptance; and, if so, by whom?*—Mr. Braham forwarded to the Municipal Commissioner a tabulated statement, but does not therein recommend anything; probably, verbally, he recommended the course adopted by the Municipal Commissioner. The following is the list of 9 tenders received :—

| | Firm. | Amount. Rs. |
|---|---|---|
| 1. | Dadabhoy Sorabjee and Vithul Tukaram & Co. ... | 5,40,459 |
| 2. | Ellapa Ballaram & Co. (Accepted)..... | 5,43,766 |
| 3. | Darasha Bomanjee & Co. ..... | 6,20,281 |
| 4. | Sir T. Thompson & Co. ..... | 6,39,846 |
| 5. | Nursoo Syboo & Co. ..... | 6,57,862 |
| 6. | J. T. Lindsley ..... | 6,91,957 |
| 7. | Govind Ramjee Samuldass & Co ..... | 7,44,670 |
| 8. | John Campbell & Co ..... | 7,60,479 |
| 9. | J. Hemmingway & J. Dace ..... | 8,04,557 |

| | Rs. |
|---|---|
| Engineer's estimate with contingencies..... | 6,34,660 |
| Accepted tender with contingencies ..... | 5,97,363 |

6. d. *Did the Town Council or the Corporation, by declining to accept the advice of their executive, in any material way relieve the executive of responsibility?*—On the 24th September 1878, the Town Council decided to retain the services of Mr. T. A. Bulkley as Assistant Engineer (Drainage), and Mr. J.W. Smith as Assistant Engineer for Water Works, in addition to a competent deputy for general routine work. Mr. Smith was directed by the Municipal Commissioner to attend to Bhandarwada works especially, when the works upon which he was engaged were completed. It was at this time contemplated the work should be carried out by Mr. Walton, and the Town Council regretted they could not retain Mr. Braham's valuable services for the Bhandarwada works. At the meeting of the Corporation on the 8th November 1878, Mr. Braham's services were continued (see p. 76, Proc. Corpn., 1878). On the 9th December 1879, the Works Committee reconsidered the above resolution with reference to the inquiry then proceeding as to the Malabar Hill Reservoir, the proposed new drainage works, and the resignation of Mr. Bulkley. The Works Committee struck out both the Resident Engineers, retaining Mr.

Proc. T. C., 1878, p. 323.

Proc. T. C., 1878, p. 329.

Proc. T. C., 1878, p. 368.

Mr. Braham asks for Resident on Rs. 600.

Proc. T. C., 1879, pp. 455 and 465.

Walton without a professional assistant for the new Drainage and Vehar Works, and appointing Mr. Braham (already in charge of Roads, Buildings, Water Works and General Departments) Engineer for Bhandarwada works without extra pay and a solitary Inspector on Rs. 200 per mensem. Mr. Walton's list of establishment required, including Bhandarwada, was thus reduced from Rs. 5,280 per mensem to Rs. 3,798. Mr. Walton addressed the Municipal Commissioner in very strong terms on the probable result of this action, and on the 20th December 1879 the Works Committee inserted a Resident on Rs. 600, but still further cut down the salaries of Inspectors and Sub-Inspectors from

| | Rs. | | | Rs. |
|---|---|---|---|---|
| 1 at | 350 | to | 1 at | 250 |
| 1 at | 250 | to | 1 at | 200 |
| 1 at | 225 | to | 1 at | 175 |
| 1 at | 200 | to | 1 at | 150 |
| 3 at | 100 | to | 3 at | 80 |
| 3 at | 80 | to | 3 at | 60 |

Bhandarwada was left the same.

On a future occasion the Town Council sanctioned the employment of a second Inspector for Bhandarwada on Rs. 150 and 2 maistries. The total supervision charges were 2½ per cent. of the work done.

7. With regard to the remedial measures, I should not have formulated them if I had not considered them to be likely to prove effectual if properly carried out. I have nothing to add to paras. 13, 14 and 15 of my previous report beyond this, that, from the result of further inspection and inquiries I find, as stated in para. 14, the concrete to prevent leakage in the Distributing Basin must be placed inside. The masonry wall was built against the rock without any puddle or concrete, and it will not therefore be practicable to place the required concrete between the wall and the rock outside. This will not affect the estimate, but I regret the change is necessary.

I did not anticipate the floor was cracked, *i.e.*, broken by subsidence, &c.; but I thought the plaster would probably be loose in many places. On examination I find the inside of the Distributing Basin appears everywhere to be good except where the walls have been plastered. In these places the evil of plaster on such work is well exemplified. The water has already burst off several large areas and others are "as hollow as a drum." The floor, so far as I have been able to examine it, is in good condition except in a few places. No casual visitor would consider the appearance of the wall or floor generally to admit of the escape of a drop of water.

In the Storage Basin I find the floor to be generally in good condition, the walls leak badly from the outside on the eastern and southern sides, and as suggested in para. 13 of the previous report the efficacy of pointing is doubtful, and could not be done at all until the filters are dealt with.

The exposing of the floor of the filters being a work of much labour, it has not been practicable to do it. I do not anticipate the baring of the floors would show a material difference between these and the floor above described.—I have, &c.,

S. TOMLINSON, C.E.

## THE JOHN HAY GRANT (BHANDARWADA) RESERVOIR.

### To the SECRETARY to the TOWN COUNCIL.

Sir,—As I shall be absent from Bombay on duty when the subject of the Bhandarwada Reservoir comes up for discussion, I desire to submit the following remarks to my colleagues of the Council, with reference to the whole subject, and more especially with regard to the Report of the Deputy Executive Engineer in charge Water Works (No. 2300, dated 31st July 1888).

My letter, dated 24th July 1888 was, of course, addressed to the Council; but I am glad that it has elicited so prompt a response, more especially, as this second Report by the Deputy Executive Engineer clears up several important points.

I think it may now be fairly said that the following points have been established :—

2. *With regard to the original design*—

That it was faulty—Firstly, in that the money spent on the puddle wall was simply thrown away, the Deputy Executive Engineer holding that it is not of the least use. I should like to know how much it cost? Secondly, that the floor was too thin. The Deputy Executive Engineer would himself have used better materials and would have increased the thickness 33 per cent. I presume that the plan and estimate were recommended to the Town Council by the executive?

3. *With regard to the work as executed*—

(*a.*) That the walls fail in the most important element of water-tightness (para. 2 of Deputy Executive Engineer's No. 2300). Nor does it console me much to know that they might be described as good for some purpose for which they were *not* designed, if it be admitted, as apparently it is, that they are not efficient for that for which they were.

(*b.*) That the contractors were permitted to put in bad work and leave it in.

(*c.*) That the Engineers did not recommend the taking of the contract out of the contractors' hands.

(*d.*) That the Municipal Commissioner did not see and insist that proper supervision was maintained by the Engineering Department.

(*e.*) That the Corporation sanctioned what they were asked to sanction.

(*f.*) That the tender was recommended to the Town Council for acceptance. When the question goes to the Corporation, the Council should, I think, quote the resolution passed by them in authorizing the acceptance of the tender.

4. The following questions are still in doubt and should, I think, be cleared up :—

(*a.*) Did the Council materially hamper the Executive in the matter of supervising staff?

(*b.*) Did the Municipal Commissioner protest and did he forward Mr. Walton's protest which the Deputy Executive Engineer says was couched "in very strong terms?"

(*c.*) The Deputy Executive Engineer in para. 3 of his second Report seems to think that only items 2 and perhaps 3, enumerated in para. 4 of the Municipal Commissioner's letter No. 6408, dated 14th July 1888, are of main importance. Is this correct?

The Council might, I think, with advantage ask the Deputy Executive Engineer his reasons for thinking that the partition walls are not a fair sample of the walls in the larger basin. The question is important, for he admits that if they be fair samples the whole of the "walls are built in a most inferior manner."

5. There are two other issues raised, about which I desire to say a few words. The first is responsibility. It is of course for the Corporation to decide in the case of the superior officers and, as I have already said, I think that the exquisite absurdity of the law will practically prevent them holding anybody responsible.

As far as regards the contractors, I cannot agree with the views of the Deputy Executive Engineer. It seems to me that a contractor's responsibility is limited by the terms of his contract. These generally bind him to do certain works agreeably to the specification and *to the satisfaction of the Engineers**, and I presume that the contract was of this nature in the present case; the remedies in the hands of the latter being the power to make him pull down bad work, to do his work for him and at his expense, to terminate the contract, and to forfeit his deposit. If his work be finally passed and he be paid, it appears to me that that removes all responsibility from him; nor do I think that either Government or any Corporate body would admit that a work being let to a contractor in any way relieved the Engineers in charge from the duty of seeing that it was done to their satisfaction. I feel sure that all engineers will agree with me in thinking that in India contractors do require very careful supervision—indeed this is the justification for having a supervising establishment.

6. The other question is, whether it be fair to describe the state of the Bhandarwada Reservoir as a "grave" failure. I am sorry to say I think it is fair. What are the facts of the case? Here are works costing only Rs. 6,14,166, which within four years of their completion require remedial measures costing Rs. 2,41,000; a Storage Basin intended to hold 30ft. of water, but which leaks so much that it has been desirable in practice only to put 25½ft. of water into it. The Deputy Executive Engineer himself says in para. 2 of his letter No. 1852, dated 10th July, 1888, that he found in 1886, "that there was heavy leakage "when the different basins were full, and that this leakage could only "be effectually dealt with by the expenditure of a large sum of "money."

I cannot but think that these facts do constitute a grave failure of the work to perform those duties that it was designed to fulfil.

7. In conclusion, I am quite willing, when proper plans and detailed estimates properly allocated are forthcoming, to join in recommending the Corporation to sanction the proposed works, if the Executive Officers still think they are worth the money; but I cannot help thinking that the state of things disclosed is not altogether a credit to the Municipal Commissioner and the subordinate executive officers, though I doubt if these latter can be held responsible, having regard to the very definite words of section 42 of the Acts of 1872 and 1878.—I am, &c.,

H. O. SELBY.

*2nd August* 1888.

* NOTE.—I presume that the contractor's work was measured up and paid for from time to time, and that when this was done the payment was supported by a certificate that the work had so far been satisfactorily performed. Such a certificate I have seen on some at least of the Municipal vouchers.

No. 7979 OF 1888-89.

BOMBAY, 7*th August* 1888.

TO THE SECRETARY, TOWN COUNCIL.

SIR,—As Major Selby has, I understand, addressed a letter to the Town Council on the subject of the Bhandarwada Reservoir, I think it advisable to lay a few considerations before the Council relating to the subject.

2. Major Selby's object, so far as I understand his remarks, appears to be to relieve the Town Council and Corporation from responsibility in accepting the design placed before them.

3. The scheme for Bhandarwada was prepared by Mr. Braham, and was very carefully revised by Mr. Forde, Consulting Engineer to the Municipality. These gentlemen gave the best advice they were capable of giving to the Municipality, subject to the limits of the grant of ten lakhs which was the balance remaining from the Drainage Loan; and the Town Council and Corporation after full discussion accepted their proposals. It was perfectly competent to the Corporation of that day to have rejected or modified the scheme, or to have called for English professional opinion on the project.

As, however, they accepted the scheme, I do not see how it is competent to the Town Council of this day to say that the whole responsibility for not adopting at that time, measures which later experience may have shown to be desirable, rests on the executive.

To hold such a doctrine would be equivalent to saying that the Town Council is a mere machine to register the plans of the executive, and that, I should think, is far from Major Selby's view.

4. As to the Contractors and their responsibility—various sections of their contract bind them to do work "in the best, most substantial and workmanlike manner;" to maintain the works "in a good, substantial, sound, perfect and watertight condition." A Contractor who did what he promised to do in his contract, so worded, would require no supervision at all. The doctrine that a contractor is free to put in as much bad work as he can manage without being found out, is certainly a strange one.

5. Lastly as to the Establishment—I beg the Council's attention to Mr. J. H. Grant's speech, dated 8th November 1878, in which he expostulates in the strongest terms against a reduction of establishment contemplated. Mr. Grant stated that "Mr. Braham should have the "Bhandarwada work under him with an assistant, and that Mr. Wal-"ton with two assistants should look after the other work. Originally "there was a third assistant proposed, but the Committee cut that "down."

6. In the end, so far from Mr. Braham being given the work *with* an assistant, he was placed in charge of it *in addition* to his other duties as Deputy Executive Engineer in charge of the general office (Roads, Buildings, General and Water Works) and with no Assistant Engineer at Bhandarwada at all.—I have, &c., F. L. CHARLES.

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BOMBAY, 13*th August* 1888.

To H. WYNFORD BARROW, Esq.,
Secretary, Town Council, Bombay.

SIR,—With reference to the subject of the leakage of the Malabar Hill and Bhandarwada Service Reservoirs, which comes on for dis-

cussion before the Town Council at the next meeting, I desire to submit the following remarks for the consideration of my colleagues on the Council, and trust you will circulate this letter for their information. I will first take up the

(*a.*) MALABAR HILL RESERVOIR.

2. The Acting Municipal Commissioner, in forwarding, with his letter, dated the 6th July last, Mr. Tomlinson's second report on the trial-pits lately sunk at this Reservoir, remarks that leaks have been found in a few places, but the total computed quantity of water lost by them is a mere fraction of the daily loss. It seems to me that this is hardly a fair description of the results shown by the trial-pits. It will be noticed that, out of the 22 trial-pits sunk at various distances and in different directions of the Reservoir, half the number or 11 pits showed leaks more or less—to say nothing of other leaks, the existence of which was rendered invisible by reason of no such pits having been sunk about the walls from which they might be visible. Again, the loss of water from the leaks differed in quantity from the different heights at which water stood in the interior of the Reservoir.

3. The trial-pits have, however, established, beyond all possibility of doubt, the broad fact that the Reservoir has been losing, partly through the leakage of walls and partly through that of the floor, water at the rate of three-quarters of a million of gallons every day.

4. Whether this loss of water is small or large, it cannot fail to make the minds of the consuming public uneasy in regard to a constant supply. The whole question of remedial measures turns, I think, upon the point how far it is possible to make such service Reservoirs water-tight. Mr. Charles is of opinion that it is not possible to make them water-tight. On the other hand, the existence of hundreds of tanks in Gujarát and elsewhere in India which have remained water-tight for, say, nearly 200 years, and have never needed repairs, shows that it is possible to make tanks water-tight by processes well-known to ordinary *Maistries* in India. It is urged that most of these are small house-tanks, not large reservoirs of water. But large as the Malabar Hill Reservoir is, it is divided into several compartments, such as settling basin, filter basin, and storage of filtered water. I cannot see why it should be difficult to make each of the compartments water-tight ; to make them such must, at least, have been the idea of those who drew up the conditions of the contract and specification for Malabar Hill Reservoir as well as of the Bhandarwada Reservoir.

5. The points for inquiry in connection with the leakage of Malabar Hill Reservoir are :—

(*a.*) Has the Reservoir been constructed in conformity with the original specification and contract ?

(*b.*) Has the leakage, and consequent instability of the Reservoir anything to do with the use of the Malabar Hill stone in place of Sewree stone in the foundation, and walls, and elsewhere, in direct contravention of the terms of Sections 64 and 65 of the Malabar Hill Reservoir and Bridge Contract ?

(*c.*) Who is responsible for the defective condition of the Reservoir ?

6. As regards the first point (*a*), Mr. J. H. Grant, the late Municipal Commissioner, in paras. 12 and 28 of his letter No. 2355, dated the 5th March 1880, gives his opinion as under :—

" 12. It is evident from the specification, as thus amended by the Engineer himself, that it was intended that the rubble masonry should be constructed of large-sized, flat-bedded stones, without face stones, but with binders in all exposed surfaces of the size above indicated; but from Mr. Forde's and Mr. Walton's reports it is quite clear that the Reservoir has *not been constructed in conformity with the specification as amended*, but of simple rubble masonry of the cheapest and commonest description, and, therefore, although the Reservoir *may* turn out to be water-tight and the masonry of it may be, as I believe it is, good enough of its kind, it certainly cannot be said to be ' fully up to the standard required by the specification,' as stated by Mr. Walton in his letter of 9th October last, and I quite agree with the Consulting Engineer that the Municipality is at least entitled to recover from the contractor the estimated cost of the binders, *viz.* Rs. 3,136." (The italics here are mine).

" 28. Before closing my remarks on this portion of the subject, I think it necessary to state that Mr. Walton has not yet explained to my satisfaction *why* the contractor was allowed to use Malabar Hill stone in the Reservoir. Mr. Walton states that he had the stone tested repeatedly and satisfied himself that it was good enough for the purpose, but he does not and cannot maintain that it was better suited to the purpose than Sewree stone, for which the contractor has tendered. Nor does he explain why it was necessary to test the stone at all, or why such anxiety was manifested in order to show that it was good enough for the work. The conclusion at which I have arrived at is, that it was the intention of some one or more of the persons in the Executive Engineer's office to benefit the contractor by allowing him a concession which would not only prevent him from losing money on the principal item of the work, but ensure his making a considerable profit on it, and that they gradually persuaded Mr. Walton to allow it."

These two extracts show beyond all doubt, (1) that the construction of the Reservoir was not in conformity with the original specification ; and (2), that the use of the Malabar Hill stone in place of the Sewree stone as contracted for, which was the chief item in the whole work, while in no way better suited to the purpose than the Sewree stone, went to ensure the making of a considerable profit by the contractor.

7. As to the second point, Mr. Tomlinson is of opinion (see para. 9 of his second report on the Malabar Hill Reservoir) that "there is nothing about Malabar Hill and similar basalts to prevent good work being done. The defects which appear are attributable to other causes which have been referred to." Mr. W. Clerke, Engineer of the Tansa Works, endorses this opinion. On the other hand, it is to be noted that Mr. Forde, Consulting Engineer to the Municipality, reported as follows (para. 16 of his letter, dated the 21st November 1879, to the Municipal Commissioner) :—

" 16. In order to ascertain with more precision the class of work in the inside of the Reservoir, I had a small portion taken down of about 10 feet in length by 3 feet in depth. I found that the mortar on the top course had not set completely, and although it had adhered to the Sewree stone facing, it had not adhered to the smooth faces of

the Malabar Hill stone, and most of the latter came clean out of the work with the smooth portions quite wet. The work of the second course was more difficult to take down, as the mortar had set, but there was still a difference in its adhesion to the two classes of stones, and I therefore consider that with a similar class of work, a wall built of Sewree stone is stronger than one built of Malabar Hill stone.

" 17. As to the class of work, I consider it to be common rubble masonry of an inferior description as regards workmanship. . . ."

Mr. Charles remarks, in spite of this opinion, that Mr. Forde " nowhere advocated either the re-building of the Reservoir, or any change in or addition to the work as completed." This is true enough ; but even Mr. Forde could not, I think, be *positive* as to whether the walls of the Reservoir built of the Malabar Hill stone will leak or not. All he considered was that the work was of an *inferior* description.

On a point so technical as this, namely, how far the use of the Malabar Hill stone has affected the water-tightness of the Reservoir, I am unable to offer an opinion. The Municipal Engineers hold one view; the late Consulting Engineer held another. On this point as on others it is my intention to move the Town Council to obtain the opinion of an expert or experts in the subject.

8. With regard to the third point, I find the Municipal Commissioner thus sums up in para. 56 of his letter No. 2355, dated 5th March 1880, his view on the subject of the Malabar Hill Reservoir and on all the papers connected therewith :—

" Having a great regard for Mr. Walton personally, and entertaining a high opinion of his professional ability, it is with extreme regret that I feel compelled to comment as unfavourably as I have now done upon his conduct generally, in connection with the important works now under consideration. It is impossible, in my opinion, to acquit Mr. Walton altogether of the charge of carelessness, and, from a pecuniary point of view, of neglect of the interests of the Municipality."

9. The Resolutions of the Town Council and of the Corporation on the subject, the latter especially arrived at after a warm debate at several meetings of the Corporation, are on the records of the Corporation, and I need not therefore refer to them at any length in this place.

### (*b*).—Bhandarwada Reservoir.

10. Major Selby's papers on this subject have put the various points so lucidly before the Town Council in respect of this Reservoir that I have nothing more to say.

11. There is, however, only one point which I find not fully touched upon in Major Selby's letters. As, however, the question is of such great importance that I deem it my duty to state how the facts really stand. It has been asserted that the defects connected with the water-tightness of both the reservoirs were due to the want of sufficient competent supervision, and that the head and front of the fault of the Works Committee, the Town Council and the Corporation appears to be that they refused to provide a degree of supervision declared at the time by Mr. Grant, Mr. Walton and Mr. Braham to be absolutely necessary to prevent that which has happened. As this point has been publicly raised and may be pressed on the attention of the Corporation, I desire to state briefly what is on the records of the Corporation.

12. The recorded facts are these: On the 16th September 1878, the Works Committee resolved to submit the following list of the cost of the staff and other charges required for carrying out the new Drainage and Bhandarwada Reservoir scheme as sanctioned. The following is the abstract of the staff recommended :—

| | | Cost per mensem. Rs. |
|---|---|---|
| Consulting Engineer (Mr. Forde) | | 600 |
| Executive Engineer on special duty (Mr. Walton) | | 1,750 |
| Two Assistant Engineers— | | |
| Mr. Bulkley | Rs. 800 | |
| Mr. Smith | „ 700 | |
| | | 1,500 |
| Six Inspectors | | 1,200 |
| Sub-Inspectors and Surveyors | | 1,200 |
| Office Establishment | | 1,223 |
| Audit, &c. | | 300 |
| Contingencies, &c. | | 500 |
| Total...Rs... | | 8,723 |

As, however, it was decided to carry on the Drainage Works by petty contract, Mr. Walton, in a letter dated the 10th November 1879, wrote to the Municipal Commissioner to say that he had been enabled to make reductions to the Drainage staff both as to the number of hands employed and salaries. The reduction of the Drainage staff amounted to Rs. 370, and on the Tulsi, Rs. 570 ; in all Rs. 940 per mensem. While the question of the establishment was pending consideration, Mr. J. H. Grant informed the Works Committee that Mr. F. A. Bulkley, Assistant Engineer for Drainage, had resigned. The Works Committee in going over the question of the cost of staff in December 1879, recommended the following staff :—

DRAINAGE WORKS.

| | | Rs. |
|---|---|---|
| Executive Engineer in charge of Drainage and Water Works | | 1,500* |
| | Rs. | |
| One Inspector | 350 | |
| „ „ | 250 | |
| „ „ | 225 | |
| „ „ | 200 | |
| „ Sub-Inspector | 100 | |
| „ „ | 100 | |
| „ „ | 80 | |
| „ „ | 80 | |
| „ „ | 80 | |
| | | 1,465 |
| Office Establishment | | 533 |

BHANDARWADA WORKS.

One Engineer, the Deputy Executive Engineer in charge ... } Without any additional salary.
One Inspector and Surveyor .....Rs. 200 per mensem.

Here it is necessary to remark that the Works Committee did not consider it expedient to entertain, in the *initial* stage of the works, the whole of the establishment recommended in September 1878. The appointment of Consulting Engineer was previously sanctioned. But the Committee proposed to do away with the two Assistant Engineers and to reduce the inspectorial staff. That the Works

* NOTE.—The payment to Mr. Walton of any sum over Rs. 1,500 was considered contrary to the provisions of the Municipal Acts.

Committee in making this proposal was fully alive to the necessity of increasing the staff as soon as the Commissioner, deeming such increase to be necessary on account of the progress of the works, made a recommendation to that effect, is apparent from the following Resolution recorded by them on the 9th December 1879 :—

"The Works Committee recommend the above staff of Sub-Inspectors as a permanent measure in connection with the Drainage Works. They will be prepared to recommend the Council to sanction any further establishment which the Commissioner may find to be necessary as the works progress."

The Works Committee's recommendations to the above effect came on for consideration at the regular meeting of the Town Council, held on the 16th December 1879. At this meeting two letters were placed before the Council—one from Mr. Walton to the Municipal Commissioner, submitting remarks on the proposed abolition of the posts of two Assistant Engineers in the Drainage staff along with the contemplated reduction of Inspectors from six to four ; the other from the Municipal Commissioner recommending the retention of the two Assistant Engineers. To understand clearly what Mr. Walton *did* urge on the Works Committee and Town Council, and how far the two bodies did *meet* his wishes, it is necessary to quote the two following paras. of Mr. Walton's letter :—

"2. I beg to state, in the first place, that it was not my intention to ask you to continue to me the assistance of the Engineers, but it was my desire to carry on the works with Mr. Smith alone as the successor of Mr. Bulkley, who has resigned, the second appointment being left vacant, unless I might possibly find in the future that further assistance was necessary in order to prosecute the works."

"23. But as regards the necessity of an Engineer, which the reduced number of Inspectors renders more essential, there cannot even now be any doubt, and I beg you for those reasons and arguments which I have stated, and which appear to me cogent and incontrovertible, to not deprive me of that aid in carrying out the works, which I feel most strongly to be necessary to the success of the whole Drainage scheme."

13. It will thus be seen that what Mr. Walton wanted was the help of *an Engineer* for the Drainage Works, consequent on the reduction of the Inspectors from six to four. Now this was exactly the time when Mr. Walton might, with equal show of reasons, have revived in the same letter the old proposal of Mr. Braham made in his letter of the 14th September 1878 for an Assistant Engineer "on a salary of Rs. 600 per mensem, whose duty will be to superintend this work especially, and who will be required to be resident on the hill and to watch carefully the construction of the walls, arches, &c., there, which will require to be of the very best description." Why was not this appointment pressed by Mr. Walton on the attention of the Town Council ? The reason is to be found probably in the fact that he did not see the necessity of it. With regard to the other vacant appointment of an Assistant Engineer, he said, most distinctly, that it might remain vacant, unless "I might possibly find in the future that further assistance was necessary in order to prosecute the works in an efficient manner." It is indeed true that Mr. Grant, in forwarding Mr. Walton's letter to the Town Council, did state that Mr. Walton had shown such good reasons for the retention of an Assistant Engineer for the Drainage Works, that

he thought that the services of both the Assistant Engineers sanctioned by the Town Council, in their Resolution of the 24th November 1879, could not be dispensed with as proposed by the Works Committee. But the Town Council, before passing any opinion on this point at their meeting on the 16th December 1879, referred the letters back to the Works Committee, with their report, dated the 9th idem, for "re-consideration and further report," the Consulting Engineer being asked to attend the meeting of the Works Committee. In re-considering the whole subject at their meeting on the 20th December 1879, the Works Committee adopted the proposal of Mr. Walton to give him an Assistant Engineer for Drainage Works on Rs. 600 per month, and proposed the following revised establishment for the execution of the new Drainage Works :—

| | | | |
|---|---|---|---|
| Executive Engineer on special duty | | | Rs. 1,500 |
| Assistant Engineer | | | „ 600 |
| One Inspector | Rs. | 250 | |
| „ „ | „ | 200 | |
| „ „ | „ | 175 | |
| „ „ | „ | 150 | |
| Three Sub-Inspectors, Rs. 80 each | „ | 240 | |
| „ „ „ „ 60 „ | „ | 180 | |
| | | | „ 1,195 |
| Office establishment, including a Head Clerk and Accountant on Rs. 150 each | | | „ 533 |
| | | | Rs. 3,828 |
| Consulting Engineer | | | „ 600 |
| | | | Total per mensem...Rs. 4,428 |

BHANDARWADA WORKS.

| | |
|---|---|
| One Engineer (the Deputy Executive Engineer in charge). | Without any additional salary. |
| One Inspector and Surveyor | Rs. 200 per mensem. |

14. In making this recommendation for a permanent staff for Drainage Works, the Works Committee repeated their former assurance that they would be prepared to recommend the Town Council any further establishment which the Commissioner might find to be necessary as the works progressed. This report of the Committee, dated the 20th December 1879, was adopted in full by the Town Council at their meeting on the 23rd December following. The Corporation finally endorsed the recommendations of the Town Council.

15. It will thus be seen that the Drainage Works had for their immediate supervision a skilled Engineer in Mr. Smith, the Bhandarwada works had a similar superintending Engineer in Mr. Braham, while the Malabar Hill Reservoir was under the direct superintendence of Mr. Walton, who also exercised a general control over the Drainage and Bhandarwada Water Works, with Mr. Forde as the Consulting Engineer ready to advise the Municipal Executive on all engineering and technical points.

16. In this connection it is necessary to bear in mind two points namely, (1) that the Town Council have, as a rule, never grudged the employment of additional staff; and (2) that the full amount of sanctioned grants have generally remained unexpended for months and years. Those who seek to cast ungenerous imputations of unwise economy, and moralise on its results, are therefore, it seems to me, doing

gross injustice to the Works Committee, the Town Council and the Corporation, who have always shown themselves ready to give every help to the Executive which they consider it their duty to afford, consistently with a due sense of their responsibility as guardians of public moneys and as trustees of the ratepayers.—I remain, yours faithfully,

JAVERILAL U. YAJNIK.

## THE BHANDARWADA RESERVOIR.

To the SECRETARY to the TOWN COUNCIL.

SIR,—I desire to add a few words about Bhandarwada *à propos* of the Municipal Commissioner's letter No. 7979, dated 7th August 1888. Certainly I think the executive responsible for recommending bad designs and the framing of estimates, and recommending the acceptance of a contract at rates at which sound work could not be done.

2. As to the contractor's responsibility that was, as I said before, limited by the terms of the contract, which, I have no doubt, made the Engineers judges of, whether the work was satisfactorily done. As a point of mere morals, it may be said that a contractor should not put in bad work whether supervised or not; as a matter of practice, he, especially in India, generally will, if he be not carefully watched.

3. As to the supervising staff; on this subject, as my colleagues of the Council are aware, I have, as yet, expressed no opinion, feeling that the best plan will be for the Council to appoint a small sub-committee to draw up a report on the whole subject. Still my opinion so far is, that it is simple nonsense to talk of the *weakness* of the staff having, in this case, been the cause of the evil. I believe four subordinates were exclusively employed on this work, and considering its small area, they should have been ample, if they were men of the right stamp. Besides this, the results of a staff numerically too weak would have been that bad work would *not* have been noticed; whereas, from the Municipal Commissioner's first letter and the papers that came with it, it is abundantly evident that the fault was not that bad work escaped detection, but that efficient means were not used to put a stop to it. Letters and threats took the place of action. There seems to me to be no particular point in arguing about what happened in 1879. If the staff either for Bhandarwada, or any other works was so weak, or so ill-paid, that, in the opinion of the executive, it caused serious risk of failure, the Municipal Commissioner should never have ceased, again and again, to represent the fact. Since 1879 there have been 3 fresh Corporations, 3 fresh Town Councils, and some 4 different gentlemen have acted as Municipal Commissioner. How many times, in that interval, has the Town Council or the Corporation been warned that the existing Engineering staff is so weak as to be productive of the serious failure of important works? Certainly since I have been a member of the Corporation, not a word has been said in this sense, and the pressure has not, I presume, been getting sensibly less. Nor do the papers circulated to me show that, whilst Bhandarwada was in progress, the Municipal Commissioner made any representations to the Town Council about the strength of the supervising staff, and the present Municipal Commissioner's first letter does not say one single syllable about the weakness of the supervising staff having been a cause of this failure. Whether the subordinates employed were the right type of men is, of course, another question.

4. I trust that the Council will see that the facts of the case are placed fully before the Corporation. I am particularly anxious that the Engineers should have every opportunity of stating their case, for I am not unaware of the very unfair position they are sometimes placed in (the matter of "Road Repairs" is, I believe, an instance), by the fact that their urgent representations never come to the Town Council at all.

In conclusion, I need hardly say that I do not, for a moment, accept the doctrine that any governing body is bound to grant just such staff as its executive may demand; nor do I think the Council or the Corporation will admit it either.—I am, &c.,

*13th August* 1888. H. O. SELBY.

Letter to the Secretary, No. 8, dated 14th instant, as follows :—

SIR,—I shall thank you to request the members of the Town Council to postpone their discussion on the question of leakage of the Bhandarwada Reservoir for two weeks as I propose to lay before them certain facts connected with the building of the said Reservoir which, I believe, will throw more light on the question.—Yours faithfully, ELLAPA BALARAM.

The Acting Commissioner now proposed that the following works should be at once recommended to the Corporation for sanction:

| | | |
|---|---|---|
| Sludge pipe | Rs. | 4,000 |
| Inlets to the filters | „ | 2,200 |
| Outlets from the filters | „ | 6,400 |
| Sluice valve on direct delivery main | „ | 1,000 |
| Repairs to chamber on direct delivery main | „ | 800 |
| Repairs to the junction of skew backs at south end | „ | 4,000 |
| Provision of turbine | „ | 4,000 |
| | „ | 22,400 |
| Pointing the outer wall 6″ and inner wall 20″ of the settling basin | Rs. | 7,000 |
| 9″ Layer of cement concrete on the floor of the settling basin | „ | 55,000 |

After discussion, it was proposed by Colonel Merewether—

"That the Corporation be recommended to sanction the following outlay for improvements to Malabar Hill Reservoir :—

| | | |
|---|---|---|
| Laying 9″ layer of cement concrete on the floor of the settling basin | Rs. | 55,000 |
| Also the extension of the filter beds at a cost of | „ | 1,80,000 |
| Total | Rs. | 2,35,000" |

*Not seconded.*

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Rahimtula Mohamed Sayani, Esq.—

No. 3883. "That the whole question of the leakage of the Malabar Hill Reservoir as set forth in the various papers, which up to date have been placed before the Council, and also of those works which this day have been placed verbally before the meeting by the Acting Commissioner as being desirable improvements, be referred for the favour of report to the Sub-Committee of the Council appointed on the 7th May last, *viz.*, Colonel Merewether, Sir Henry Morland and Dr. Waters, with the addition of Major Selby."

On a division, there were 6 votes *for* and 1 *against* the motion which was *carried.*

Proposed by Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 3884. "That the whole question of the leakage of Bhandarwada Reservoir, and also the question of the proposed extension of Vehar filters, be referred to the Committee appointed this day to enquire into the leakage and improvement of Malabar Hill Reservoir."

Considered letter, dated 8th March 1888, from Parvatibai, widow of Balkrishna Raghunath, asking that she may be paid Rs. 7 per square yard, for the 13·06 square yards, or thereabout, of ground taken up from her for the improvement of Mugbhat Street.

Read memorandum No. 8367, dated 13th instant, from the Acting Municipal Commissioner, recommending that the rate of Rs. 5 fixed by the Council, for the land in question, be increased to Rs. 7 per yard.

No. 3885. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 8367, dated 13th instant, the rate fixed by the Town Council, in their Resolution No. 389, dated 25th May 1887, for ground at No. 49, Mugbhat Street, the property of Parvatibai, widow of Balkrishna Raghunath, be now increased, from Rs. 5 to Rs. 7 per yard.

"That, in reply to her letter of the 8th March 1888, Parvatibai, widow of Balkrishna Raghunath, be informed accordingly."

Considered letter, dated 10th July 1888, from Papabai, wife of Sheik Jagoo, asking that the rate of Rs. 3 per square yard, fixed by the Council for the ground, required

from her for the proposed new road, No. 8, Agripada, may be increased.

Read memorandum No. 8428, dated 14th instant, from the Acting Municipal Commissioner stating that the ground is situated in No. 8, Agripada Road. The Executive Engineer is of opinion that the rate offered is a fair rate for the ground in the locality and should not be increased.

*Resolved:* "That, in reply to her letter, dated 10th July 1888, Papabai, wife of Sheikh Jagoo, be informed that the Town Council adhere to the terms of their Resolution No. 1991, dated 11th January 1888, fixing the rate to be paid for the 50 square yards, or thereabout, of ground taken up from her, for the proposed new road No. 8, Agripada, at Rs. 3 per yard."

No. 3886.

Read and *recorded* memorandum No. 8609, dated 16th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchases, sale and works :—

No. 3887.

| Supplies. | Sales. | Works. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| Medicines ..... | .... | .... | Messrs. Kemp&Co. | Health Officer. | In connection with the Conservancy Branch. | June 1888. | Rs. a. p. 6 2 0 |
| 1 Grain-crusher. | .... | .... | Messrs Gayer & Co. | Do. .. | Do. .. | July 1888. | 60 0 0 |
| 7 Black waterproof coats at Rs. 4 each and 24 thick cloth rain coats at Rs. 5 each. | .... | .... | Hadji Ebrahim Bros. | The Superintendent of Markets | For Sub-Inspectors & meat van drivers. | June 1888. | 148 0 0 |
| 3,000 lbs. beef at 16 lbs. per rupee. | .... | .... | Sha Mahomed Sheroobhoy. | The Executive Engineer. | For animals Victoria Gardens. | Do. .. | 187 8 0 |
| .... | 4 cart-loads manure, at the rate of Re. 1 per cart-load. | .... | Municipality. | The Rev. H. A. Bren. | .... | Aug. 1888. | 4 0 0 |
| .... | 1 cart-load manure, at the rate of Re. 1 per cart-load. | .... | Municipality. | Mr. R. F. Goode. | .... | Aug. 1888. | 1 0 0 |
| .... | .... | Photographing the Jacob Fountain in three different positions. | Mr. Shewshankar Narayen. | .... | .... | March 1888. | *21 0 0 |

* Paid by Colonel Jacob.

| Supplies. | Sales. | Works. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|---|
| .... | .... | Providing and fixing a wrought iron Storage Tank with the necessary pipes, fittings and labour complete. | Messrs. Thomas Black & Co. | .... | For the Officers' Water Closets, Municipal Office Building. | June 1888. | Rs. a. p. 177 8 0 |

Read memorandum No. 8507, dated 15th instant, from the Acting Municipal Commissioner, stating, with reference to letters from Messrs. Pavri and Raghunath, on behalf of Bai Dinbai Hormasjee Pallonjee Bottliwala, that Rs. 20 per yard for the ground taken from her for the improvement of Cowasji Patel Street, is sufficient.

*Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 8507, dated 15th instant, the rate fixed by the Town Council, in their Resolution No. 791, dated 8th September 1886, for the ground taken up from Bai Dinbai Hormusjee Pallonjee Bottliwala, for the improvement of Cowasji Patel Street, be now increased from Rs. 15 to Rs. 20 per yard, *plus* Rs. 250, as compensation for the structure standing on the ground, required for street improvement."

No. 3888.

*Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 8778, dated 17th instant, the Corporation be recommended to sanction the sale, to Mr. Noormahomed Hadji Sumar, at the rate of Rs. 3 per yard, of 11·37 square yards, or thereabout, of Municipal ground situate at Ripon Road, as shown on the tracing marked A, dated this day, accompanying the Acting Municipal Commissioner's above memorandum."

No. 3889.

On the application of the Acting Municipal Commissioner, in his memorandum No. 8753, dated 17th instant, sanction was given to the sale to (1) Mr. Rama Visram of the right to tap cocoanut trees within the compound of D Ward Office, Gamdevi Road, and to collect cocoanuts therefrom, from August 1888 to July 1889, for Rs. 150; and (2) Mr. Hormusji Pallonji of the right (*a*) to tap date trees on Warli Road

No. 3890.

and Municipal ground at the Love Grove Pumping Station, and (*b*) to tap date and palm trees in the compound of Mr. Vurjivandas Madhowdas' bungalow, Warli, from August 1888 to July 1889, for Rs. 65.

Considered again petition, dated 27th July 1888, from Hadji Abdulla Esmail, Mr. Jacinto John Barretto and others, praying that a new road may be constructed from Gopi Tank, Lady Jamsetji Road, to Futka Tank, Sion Road.

Read letter No. 8763, dated 17th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—With reference to the Town Council's memorandum No. 3551 dated 1st instant, forwarding application from Mr. Hadji Abdoola Esmail and others, I have the honour to inform you that I am in communication with Sir D. M. Petit and others on the subject of the proposed road from Matoonga Road on the east through the station to the B. B. & C. I. Railway on the west, which could be eventually carried through the Mahim woods to the Lady Jamsetji Road and the sea in Upper Mahim.

I myself visited the place with some of the petitioners and told them that, if they agreed to give up the land free, I would ask the Corporation to make the road from the station to Matoonga, but I have not up to date heard further from them.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Resolved:* "That the course followed by the Acting Municipal Commissioner, regarding the application for the construction of a new road from Gopi Tank, Lady Jamsetjee Road, to Futka Tank, Sion Road, be approved. That the further consideration of the application be postponed."

No. 3891.

The seal of the Corporation was affixed to deed of contract with Messrs. Geo. Gahagan & Co., for the supply of cast-iron stanchions for the extension of Erskine Road Market.

No. 3892.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 8610, dated 16th instant, sanction was given to the payment of Rs. 15, to meet the cost of $\frac{1}{2}$" meter to be purchased, from Messrs. Graham & Co. The cost to be debited to the grant of Rs. 50,000, for the purchase of Water Works fittings.

No. 3893.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 8792, dated 17th instant, sanction was given, under Section 90 of the Municipal Acts of 1872 and 1878, to the charging of Rs. 42 for water supplied to Mr. Balkrishna

No. 3894.

Bhivaji Tanaji for properties, situate at Nowroji Hill, Ward Nos. 3857, 3994 and 3997, as compounded rate, which is equivalent to the water rate on the valuation of the above properties.

No. 3895. *Resolved:* "That the following be submitted to the Corporation :—Memorandum No. 4407, dated 14th instant, from the Acting Municipal Commissioner, forwarding, with reference to the Town Council's Resolution No. 102, dated 11th April 1888, two returns :—(1) from the Health Officer, showing the death-rate in each district during the past 10 years ; (2) from the Acting Executive Engineer, showing the districts provided with sewers during that period."

No. 3896. *Resolved:* "That the Corporation be informed that the Town Council propose to differ the consideration of the question of the proposed transfer of the zoological collection in the Victoria Gardens, to the Natural History Society, until the new Municipal Bill becomes law."

On the motion of Surgeon-Major Waters, it was—

No. 3897. *Resolved:* "That the Acting Municipal Commissioner be asked to report to the Council which kind of trees he considered would be most suitable for planting on the seaward side of the Queen's Road in lieu of the deformed trees which now border that thoroughfare."

No. 3898. *Ordered:* That the following be laid on the table :—Letter, dated 20th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for July last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

Read letter from Messrs. Hore, Conroy and Brown, on behalf of Hadji Meya bin Baloo Meya Pathan, the owner of the "Cheera Bazaar" market, dated 20th instant, objecting to permission being granted to the erection of a market at Mughbhat.

No. 3899. *Resolved:* "That, in reply to their letter of the 20th instant, Messrs. Hore, Conroy and Brown be informed that the question of licensing the market was disposed of at the last meeting of the Town

Council, with whom the power of granting or refusing such license rests."

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 19th August 1888.*

Reports of the A, E, F and G Police divisions of fires (*a*) in a hut at Dharavi, on the 9th instant : damage estimated at Rs. 3 ; (*b*) in a house at Cursetjee Sooklajee Street, on the same day : damage Rs. 150 ; and (*c*) in stacks of wood at Mody Bandar, on the 13th and 14th idem : damages Rs. 500 and Rs. 9,250.

It was decided that as Wednesday next is the Gokul Ashtami holiday, the next meeting of the Council be held on Tuesday, the 28th instant, at 3 P.M.

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BOMBAY, 28*th August* 1888.

AT the regular meeting of the Town Council held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NANABHOY B. JEEJEEBHOY, Esq. ; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B. ; MAJOR H. O. SELBY, R.E. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES. Esq., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meeting held on the 22nd instant, were signed.

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 3933.—2·88 square yards, or thereabout, at Nos. 56-58, Bazaar Gate Street, at the rate of Rs. 30 per square yard. (In this case, the application for permission to reconstruct a privy and make repairs to his house, is made by Mr. Dorabji Muncherji Afinwala.)

No. 3934.—12·75 square yards, or thereabout, at Nos. 37-39, Bellasis Road, at the rate of Rs. 15 per square yard. (In this case, the application for permission to rebuild is made by Mr. Rangildas Bhookhandas.)

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* *See* Appendix B.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Acting Municipal Commissioner, in his letter No. 9205, dated 27th instant, sanction be given to the expenditure of Rs. 463-9-8, from the grant for improvement of streets, to meet the cost of setting back the outer wall of the property of Bai Jamanabai, and the construction of steps from the roadway at the northern approach of Byculla Bridge, so as to give access to her property on the old low level road thereat, referred to in para. 7 of Government Resolution No. 1058, Public Works Department (Railway), dated 16th May 1888, and the Town Council's Resolution No. 1552, dated 7th June 1888."

No. 3935.

*Carried.*

*Resolved:* That, as recommended by the Acting Municipal Commissioner, in his momorandum No. 8948, dated 22nd instant, sanction be given to the taking up for street improvement, of 2·43 square yards, or thereabout, of ground situate at Jail Road, East, the property of Mr. Jalbhoy Ardeshir Sett, at the rate of Rs. 12 per yard.*

No. 3936.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 9202, dated 27th instant, sanction be given to the demolition of such portion of house at No. 3, Ghorupdeo Road, the property of Mr. Abdool Kadar Baba, as stands on the ground to be taken up by the Municipality for street improvement thereat, and to the taking up of 73·25 square yards, or thereabout, of the land in question, at the rate of Rs. 2 per yard."

No. 3937.

*Carried.*

No. 3938. *Resolved*: That the following be *recorded* :—

Memorandum No. 9200, dated 27th instant, from the Acting Municipal Commissioner, reporting, under

* This is in addition to the area mentioned in the Town Council's Resolution Nos. 158 and 1874, dated 6th May 1885 and 21st December 1887, namely, 16·1 square yards, or thereabout.

Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchases and works:—

| Supplies, &c. | Works. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| 2 Copies Konkan Topographical Survey Sheet No. 83, including railway and packing charges. | .... | The Superintendent, Photozinco Department, Poona. | The Executive Engineer, Tansa Water Works. | For Tansa Works. | Dec. 1888. | 3 6 0 |
| 6 Roskoff watches .. | .... | Messrs. Kanitkar & Co. | Do. | For Maistries watching Chunam Mills. | Do. | 87 0 0 |
| 100 Boundary stones at annas 4 each. | .... | Mr. Nagashwar Babaji Master. | Do. | For Tansa Works. | Do. | 25 0 0 |
| Do. do. .. | .... | Mr. Luxuman Ramji Beldar. | Do. | Do. | Do. | 25 0 0 |
| 2 Copies Konkan Topographical Survey Sheet No. 79, scale 1" = 1 mile; 3 copies ditto No. 79 S. E. / 3, scale 4" = 1 mile; and 2 copies do. No. 79 S. E. / 1, scale 4"=1 mile, including railway and packing charges. | .... | The Superintendent, Photozinco Department, Poona. | The Executive Engineer, Tansa Water Works. | For Tansa Works. | Nov. 1888. | 13 10 0 |
| 12 Tin cases (2' 6" × 5") .. | .... | Mr. Ebrahim Abdul Hussein. | Do. | For plans, Tansa Office. | Do. | 5 0 0 |
| 2 Copies Konkan Topographical Survey Sheet No. 76, including railway and packing charges. | .... | The Superintendent, Photozinco Department, Poona. | Do. | For Tansa Works. | Do. | 3 6 0 |
| Medicines .. .. .. | .... | Mr. Ramdas Gungadas. | Do. | For Tansa Staff. | Do. | 9 1 0 |
| 800 Teakwood spokes .. | .... | Mr. Alex. Mackenzie. | The Store Clerk. | For Municipal Workshops. | July 1888. | 570 0 0 |
| .... | Preparing 4 bench mark-stones at Rs. 2 each. | Mr. Narayan Waman. | The Executive Engineer, Tansa Water Works. | For Tansa Survey. | Dec. 1888. | 8 0 0 |
| .... | Repainting & refiguring 6 levelling staves. | Mr. Ramkrishna Harichand. | Do. | Do. | Nov. 1888. | 46 0 |
| .... | Building Sub-divisional Office. | Mr. Atmaram Dinkar Patvardhan. | Do. | .... | Do. | 96 0 0 |

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3939. "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 9206, dated 27th instant, sanction be given to the extension up to 30th September 1888, of the contract entered into with Mr. Bhomaji Shivaji, for filling in the compound of Chinchpokli Water Works Stores, sanctioned by the Town Council, in their Resolution No. 467, dated 1st June 1887.

"That sanction be also given to the expenditure of Rs. 1,250, to meet the cost of putting in shelves to the office and store room at the said Water Works; the cost to be debited partly to the savings on this work, and partly to the savings on the contract forfilling in the compound wall."

*Carried.*

Proposed by Surgeon-Major Waters, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3940. "That, as applied for by the Acting Municipal Commissioner, in his letter No. 9207, dated 27th instant, sanction be given to the employment, from the 10th July to 31st December 1888, of the following staff for preparing drawings, &c., for contracts for the improvement of the bungalow at Vehar, and for building rooms over sluice house, Vehar and Tulsi lines: 1 inspector, at Rs. 180 per mensem, Rs. 180; 2 lascars, at Rs. 12 per mensem each, Rs. 24—total Rs. 204. The cost in the first instance to be debited to the grant for the improvement of the bungalow at Vehar, to be adjusted afterwards as may seem desirable."

*Carried.*

No. 3941. Sanction was given to the charging of special Halalkhor service, as under, as applied for in the Acting Municipal Commissioner's memorandum No. 9089, dated 24th instant:—

Properties at Nos. 17, 18, $\frac{18}{2}$, $\frac{18}{3}$, 19, 20, 412, 413, 415, 416, $\frac{41}{2}\frac{6}{}$, $\frac{41}{3}\frac{6}{}$, $\frac{41}{4}\frac{6}{}$, and 454, Grant Road, occupied by Messers Kazi Ahmed & Co., at Rs. 34-8-0 per mensem, from 1st instant.

On the motion of Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., it was—

No. 3942.

*Resolved*: That the following Progress Reports, Tansa, for June and July last, forwarded under the Acting Municipal Commissioner's memorandum No. 9201, dated 27 instant, be *recorded*:—

Letter No. 655, dated 24th August 1888, from Mr. White, Deputy Executive Engineer, Tansa, to the Acting Municipal Commissioner.

SIR,—Under your letter No. 6416, dated 18th August 1886, you approved of the proposal that progress reports should not be submitted for the monsoon months, there being but little work doing during those months. But in accordance with your late verbal directions I have the honour to give herewith a short report for the months of June and July last.

*Dam.*—No masonry has been done in addition to the quantity shown in progress report for May last, that quantity including the little work executed in June, up to when the works were closed for the monsoon. The quantity of excavation of dam foundations done since last report is trifling and not worth mention. The average number of work people for June was 1,228, and for July 802, engaged chiefly in quarrying stone for next season's operations. The rainfall at Tansa to end of July was 55 inches. As there is no additional work to be shown, the dam progress diagram will not be submitted.

*Duct.*—Since last report the works have been generally closed for the monsoon, the only work now proceeding of any consequence is at the Bassein Creek bridges and tunnelling, in both cases the quantities done are small on account of the rains. At present one set of tunnelling machinery is working, and four more sets are in various stages of readiness. One, if not two more sets, will probably soon be started. The rains of course cause difficulty. Tunnelling by hand is also proceeding. The bridge and tunnel diagrams are being submitted, showing progress to end of July last. The duct line progress diagram is not being submitted, as any additions to be made thereto since last report would be so small as to be hardly observable. Quantities being practically the same as last reported, except in bridge work and tunnelling, for which progress diagrams are being sent in, no detailed statements are submitted.

*Cast Iron Pipes.*—23,500 tons of pipes have been delivered at Kasheli and 1,800 tons in Bombay, to end of July 1888.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Rahimtula Mohamed Sayani, Esq., it was—

No. 3943.

*Resolved*: That the following return of the investment of loans and reserve funds up to 31st March last, from the Controller forwarded by the Acting Municipal Commissioner, under his memorandum No. 8947, dated 22nd instant, be *recorded*:—

# STATEMENT showing the Invested Loan and Reserve Funds up to 31st March 1888.

| | | Actual Cost. | How Invested. | Remarks. |
|---|---|---|---|---|
| | | Rs. a. p. | | |
| 1 | Sinking Fund of the 6 per cent. Loans of 1867-68, amounting to Rs. 17,38,000 .. .. .. .. .. .. .. .. | 18,31,029 8 9 | 4 per cent. G. P., Rs. 2,83,100 deposited in cash with the Bank of Bombay at interest. Rs. 11,88,726-1-0 | |
| | *Less*—Drawn during 1887-88 for repayment of the Market Loan of Rs. 3,50,000 .. .. .. .. .. .. | 3,50,000 0 0 | | |
| | | *a*14,81,029 8 9 | | (*a*) *Vide* Annual Report for 1887-88. |
| 2 | Municipal Building Fund— | | | |
| | 1881 .. .. .. .. .. .. .. .. .. | 2,50,000 0 0 | | |
| | 1882 .. .. .. .. .. .. .. .. .. | 50,000 0 0 | | |
| | 1883-84 .. .. .. .. .. .. .. .. .. | 20,000 0 0 | | |
| | | 3,20,000 0 0 | | |
| | Interest and Profit up to 6th February 1885 .. .. .. .. | 27,310 7 7 | | |
| | | 3,47,310 7 7 | | |
| | 1884-85 .. .. .. .. .. .. Rs. 50,000 0 0 | | | |
| | *Less*—Expended .. .. .. .. „ 800 12 4 | | | |
| | | 49,199 3 8 | | |
| | 1885-86 .. .. .. .. .. .. Rs. 50,000 0 0 | | | |
| | *Less*—Expended .. .. .. .. „ 42 6 10 | | | |
| | | 49,957 9 2 | 4½ per cent. G. P. for Rs. 6,00,000.* | * This paper was sold on 16th April 1888, and the proceeds amounting to Rs. 6,44,555-4-3, including interest, up to the date of sale, deposited at interest with the Bank of Bombay. |
| | 1886-87 .. .. .. .. .. .. .. .. .. | 50,000 0 0 | | |
| | 1887-88 .. .. .. .. .. .. .. .. .. | 50,000 0 0 | | |
| | Interest up to 15th March 1887 .. .. .. .. .. .. | 37,962 8 0 | | |
| | Do. 15th March 1888 .. .. .. Rs. 13,847 9 11 | | | |
| | *Less*—Expended .. .. .. .. „ 798 0 0 | | | |
| | | 13,049 9 11 | | |
| | | *b*5,97,479 6 4 | | (*b*) *Vide* Annual Report for 1887-88. |
| 3 | 44 Lakhs Sanitary Works Loan .. .. .. .. .. .. | *c*8,54,150 5 0 | 4 per cent. G. P. for Rs. 9,00,000. | (*c*) Do. do. do. |

| | | | Actual Cost. | How Invested. | | Remarks. |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | | | |
| 4 | Tansa Loan .. .. .. .. .. ..Rs. | 17,00,000 0 0 | .... | | | |
| | „ | 30,00,000 0 0 | .... | | | |
| | Rs. | 47,00,000 0 0 | .... | | | |
| | *Less*—Drawn during 1886-87.Rs. 11,90,000 | | | | | |
| | Do. 1887-88.. „ 19,10,000 | | | | | |
| | „ | 31,00,000 0 0 | *d* 16,00,000 0 0 | 4 per cent. G. P., Rs. 8,11,000=Rs. 8,07,902-11-9, and Rs. 7,92,097-4-3 deposited in cash with the Bank of Bombay at interest. | (*d*) | *Vide* Annual report for 1887-88. |
| 5 | 7 Lakhs Sanitary Works Loan .. .. ..Rs. | 7,00,000 0 0 | | | | |
| | *Less*—Drawn during 1887-88. .. .. „ | 3,95,187 8 0 | | | | |
| | Rs. | 3,04,812 8 0 | | | | |
| | Interest up to 31st December 1887 .. „ | 1,804 13 0 | *e* 306,617 5 0 | Deposited in cash at interest with the Bank of Bombay. | (*e*) | Do. do. do. |
| 6 | 12 Lakhs Drainage and Water Works Loan ..Rs. | 6,00,000 0 0 | | | | |
| | Interest for 30th December 1887 .. .. „ | 16 7 0 | *f* 6,00,016 7 0 | Do. do. | (*f*) | Do. do. do. |
| 7 | Tansa Loan Interest Deposit Account .. .. .. .. .. | | *g* 6,71,487 6 7 | 4 per cent. Govt. Paper Rs. 1,97,000 | (*g*) | Do. do. do. |
| | | | | Do. do. „ 4,72,000 | | |
| | | | | 6,69,000 | | |
| 8 | Sanitary Works Loan Sinking Fund .. .. .. .. .. | | *h* 52,370 14 2 | Deposited in cash at interest with the Bank of Bombay. | (*h*) | Do. do. do. |
| 9 | Surplus Cash .. .. .. .. .. .. .. .. .. | | 4 10,39,829 11 7 | 4per centG.P.9,98,600=Rs.9,90,200-5-0, deposited in cash at interest with the Bank of Bombay, Rs. 49,629-6-7. | (*i*) | Do. do. do. |

In accordance with notice, Surgeon-Major G. Waters drew attention to the following facts which have just transpired in the local Small Cause Court :—

1. The Municipality entered into a contract with Messrs. Walsh, Lovett & Co. for the execution of the Tansa aqueduct.

2. Messrs. Walsh, Lovett & Co. sublet to Colonel Beaumont.

3. Colonel Beaumont sublet the portion containing No. 7 tunnel to Messrs. Greengrass and Co., a firm consisting of Charles Greengrass (brother to J. Greengrass, an Assistant Superintendent of the Municipality, whose duty it is to inspect this portion of the work), and Nusserwanjee Hormusjee (brother of Rustomjee Hormusjee, a clerk of the Municipality employed under J. Greengrass), in which Hormusjee Bhikajee (father of Nusserwanjee and Rustomjee) also apparently has some interest.

4. Messrs. Greengrass & Co. again sublet the work of No. 7 tunnel to a firm originally consisting of Hormusjee Pestonjee, Rao Saheb Raghunath (who has since filed his schedule in the Insolvent Court), Narsidas (who has since retired), and Dorabjee.

5. Hormusjee Pestonjee and Dorabjee, after the commencement of the work and after the insolvency and retirement of Rao Saheb Raghunath and Narsidas, respectively, took in partnership, Anderson, lately the proprietor and editor of the *Advocate of India*, and Rustomjee, a cousin of Hormusjee Bhikajee, Nusserwanjee Hormusjee and Rustomjee Hormusjee abovementioned.

Neither Messrs. Greengrass & Co., nor the present firm of Hormusjee Pestonjee and Co., would appear to have any means whatever, as the former have not made to the latter a single one of the monthly payments agreed on for their work, nor have the latter made with the former, a single one of the monthly deposit of Rs. 250 in accordance with agreement.

Surgeon-Major Waters moved :

"That the Acting Municipal Commissioner be asked to institute a strict investigation of the matter and furnish a report thereon at his earliest convenience."

No. 3944.

The motion was seconded by Muncherjee Nowrojee Banajee, Esq.

*Amendment*, moved by Colonel Merewether, seconded by Major Selby—

"That the Acting Municipal Commissioner be asked to favour the Town Council with a report on the subject of sub-letting of parts of the Tansa Water Works contract brought to notice by Dr. Waters."

There were 2 votes *for*, and 7 *against*, the amendment, which was *lost*.

The original motion was then *carried*, the votes being 7 *for* (against none).

Read the following letter, dated 23rd instant, from Messrs. Lakshmikant Ramchandra, Vishnu Narayan, and others, to the Chairman :—

SIR,—As the state of the Zaoba's oart is getting more fearful every day, and is likely to give rise to an epidemic if immediate steps are not taken to improve the sanitation, we beg humbly to request the favour of an early reply to our petition of 4th July 1888.

Proposed by Major Selby, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the letter be referred to the Acting Municipal Commissioner, with the request that the executive will take such action as is desirable and legally possible, and that the petitioners be informed accordingly."

*Amendment*, moved by Surgeon-Major Waters—

"That the petitioners be informed that their letter of the 23rd instant has been referred to the Acting Municipal Commissioner for disposal."

After discussion, the motion and amendment were *withdrawn*, and the following resolution was agreed to *nem. con.*:—

"That the letter regarding Zaoba's oart be referred to the Acting Municipal Commissioner for disposal, and that the petitioners be informed that such action as is desirable and legally possible will be taken by that officer."

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 26th August 1888.*

Reports of the A Police Division of fires (*a*) in some huts near the south fence, Victoria Dock, on the 17th instant : damage Rs. 170 ; and (*b*) in a railway carriage in a shed at Carnac Bandar, on the 19th idem : damage Rs. 3,000.

Major Selby gave notice that at an early meeting he will call attention to the following business :—

(*a*). To ask that the correspondence showing how and under what conditions policemen attending fires receive compensation for damage to clothing, be laid upon the table.

(*b*). With reference to what are known as the hanging gardens at Malabar Hill, to ask for the following information :—

(I). On what authority the work was undertaken ?
(II). What has been its approximate total cost to date ?
(III). To what heads of accounts has the expenditure been debited ? and upon what authority ?
(IV). Does any of the land belong to Government ?
(V). How was it encroached upon and by whose authority ?
(VI). Has Government ever demanded payment ? If so, when ? and at what rate ?

* *See* Appendix B.

BOMBAY, 5*th September* 1888.

AT the regular meeting of the Town Council held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq.; M.A., LL.B.; MAJOR H. O. SELBY, R. E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the SECRETARY.

On the motion of Cowasjee Hormusjee, Esq., seconded by Colonel Merewether, Rahimtula Mohamed Sayani, Esq., was voted to the chair.

The minutes of the meeting held on the 28th ultimo, were signed.

The Acting Municipal Commissioner suggested the appointment of a Sub-Committee to consider and report on (1) the question of the rates now paid by the Municipality for ground taken up for street improvement, and (2) to prepare a schedule of revised rates for future guidance.

It was agreed that the consideration of the question be postponed until next week.

On the motion of Rahimtula Mohamed Sayani, Esq., it was—

No. 4142.

*Resolved*: That, as recommended by the Acting Municipal Commissioner, sanction be given to the taking up, at the rate of Rs. 30 per square yard, of 5·93 square yards, or thereabout, of ground at Nos. 12-14, Bhajipalla Road, required for the improvement of that thoroughfare. (In this case, the application for permission to rebuild is made by Mr. Karimbhai Alibhai.)

Sanction was given to the taking up of the following piece of ground, required for the improvement line of street :—

No. 4143.—11·82 square yards, or thereabout, at Nos. 74-78, Old Hanuman Lane, at the rate of Rs. 35 per square yard, *plus* Rs. 276, as compensation for compound wall standing on the ground so to be taken up. (In this case, the application for permission to rebuild is made by Mr. Munji Nursi.)

On the recommendation of the Acting Municipal Commissioner, sanction was given to the taking up, at the rate of Rs. 30 per square yard, of the following piece of ground required for the improvement line of street : —

No. 4144.—75·22 square yards, or thereabout, at Nos. 177-179, Bhaji Palla Road. (In this case, the appli-

cation for permission to rebuild is made by Mr. Karimbhai Alibhai.)

On the recommendation of the Acting Municipal Commissioner, sanction was given to the taking up, at the rate of Rs. 10 per square yard, of the following piece of ground, required for the improvement line of street:—

No. 4145.—14·5 square yards, or thereabout, at Nos. 9-11, Hamal Street, Colaba. (In this case, the application for permission to rebuild is made by Mr. Nagindas Tulsidas.)

Sanction was given to the taking up of the following piece of ground, required for the improvement line of street:—

No. 4146.—9·72 square yards, or thereabout, at Ghorupdeo Road, at the rate of Rs. 2 per square yard. (In this case, the application for permission to build is made by Mr. Sewdyal Kashiram.)

No. 4147. *Resolved*: That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 9448, dated 31st ultimo, the rate fixed by the Town Council, in their Resolution No. 1629, dated 26th January 1887, for the 10·43 square yards, or thereabout, of ground at Nos. 23-25, Bhandari Street, taken up for the improvement of the line of that thoroughfare, be increased from Rs. 10 to Rs. 20 per yard.

No. 4148. Read and *recorded* memorandum No. 9693, dated 5th instant, from the Acting Municipal Commissioner, reporting, under Section 55 of Municipal Acts of 1872 and 1878, that he has authorised the following purchases and sales:—

| Supplies, &c. | Sales, &c. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| 1 Auto-copyist with parchment and printing ink. | ..... | Messrs. Thacker & Co. | The Health Officer. | For office use. | February 1888. | 66 4 0 |
| 3 Reams glazed paper, 2 dozen rolls parchment, printing ink, &c. | ..... | Messrs. Treacher & Co. | Do. | Do. .. | May 1888 .. | 194 8 0 |
| 4 Blue serge long coats, 4 blue American drill coats and 4 pairs blue drill trousers, with 2 caps and 2 sets buttons. | ..... | Messrs. Haroon Kassum & Co. | Do. | For peons, Milch Cattle Stable. | July 1888 .. | 40 8 0 |

| Supplies, &c. | Sales, &c. | Name of Suppliers, &c. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| ..... | Right to cut grass on Municipal land at Tulsi and Vehar and Tulsi pipe line (Rs. 70); Ditto Vehar and Bandora,(Rs.10); Vehar to Suki and thence to Rastan (Rs. 10). | Municipality. | Mr. Dharmaji Kamblu. | .... | June 1888 .. | 90 0 0 |
| ..... | Ditto Bandora to Dadur and Dadur to Mahaluxumi(Rs. 10). | Do. | Mr. Gumbirsing Kalusing. | .... | Do. .. | 10 0 0 |
| ..... | Ditto from Municipal land at Vehar. | Do. | Mr. Ravji Raghunath. | .... | Do. .. | 620 0 0 |
| ..... | Ditto ditto at Bhandarwada Reservoir. | Do. | Mr. Dayal Nursi. | .... | Do. .. | 40 0 0 |
| ..... | 160 Cart-loads earth from the Arthur Road 29″ water main at Anna 1 per cart-load. | Do. | Mr. A. K. Sethna. | .... | August 1888. | 10 0 0 |
| ..... | 160 Ditto ditto 27″ ditto ditto | Do. | Mr. Karimji Peerbhoy. | .... | Do. .. | 10 0 0 |
| ..... | 6 ditto manure at Re. 1 ditto. | Do. | Mr. H. C. Kirkpatrick. | .... | Do. .. | 6 0 0 |
| ..... | 5 Ditto ditto. .. | Do. | The Rev. T. H. Greig. | .... | Do. .. | 5 0 0 |
| ..... | Red earth, rubble, and boulders from Bhandarwada Hill at As. 2, 2½ and 4 per cart-load, respectively. | Do. | Mr. Gangaram Bapuji. | .... | May 1888 .. | 59 10 0 |

*Resolved :* That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 9426, dated 31st ultimo, sanction be given to a suit being filed against Mr. Mahomedbhoy Ebrahim for the recovery of the balance of interest, Rs. 200, and costs due in respect of land, purchased by him at the auction sale, of the plots of land on either side of Ripon Road.

No. 4149.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 9427, dated 31st ultimo, sanction was given to the payment of Rs. 465, to meet the legal costs incurred by the Hindustan Spinning and Weaving Mill Company in connection with exchange of land for the formation of Ripon Road.

No. 4150.

*Resolved :* That, as recommended by the Acting Municipal Commissioner, in his letter No. 9666, dated 4th instant, sanction be given to the extension of the contract entered into with Mr. Ghumajee Balaji, for the construction of Fire Brigade station at Gamdevi Road, up to 9th May 1888 (*see* Town Council's Resolution No. 21, dated 4th April 1888), and to the retention of the

No. 4151.

following staff up to 9th May 1888; the actual cost incurred on account of the salary of the staff to be recovered from the contractor :—

1 Inspector at Rs. 80 per mensem, and 1 lascar at Rs. 10 per mensem.

Considered the following :—

No. 9454 OF 1888-89.

BOMBAY, 31*st August* 1888.

TO THE SECRETARY, TOWN COUNCIL.

SIR,—The very favourable rates at which the Municipal Loans for 1888-89 have been arranged to be taken up, will yield the following result for nearly 43 lakhs :—

| | Rs. | a. | p. |
|---|---|---|---|
| Receipts in excess of par values ... ... | 2,76,990 | 0 | 0 |
| *Deduct*—Cost of stamps and other charges ... | 26,762 | 8 | 0 |
| Net gain above the par value of the Debentures ... ... ... ... ... | Rs. 2,50,227 | 8 | 0 |

2. As there is every reason to hope that Municipal Bonds will continue in favour with the Public, and excess receipts may be looked for every year, it becomes a question how to treat such items. They cannot, of course, be treated as current revenue and added to Cash Balances as that would amount to the application of Loan Funds to defray current ordinary charges.

3. One plan would be to raise a smaller annual loan than the sum required for the works, on the faith that the difference would be made up by the premium received. This course would, however, be attended with difficulties.

4. The course which I propose to adopt is, to credit the net gains over par to the work itself. In the case of the larger works, such as the Tansa project, it is very possible that excess expenditure may be inevitable over the original estimate, and in such cases the gains in the shape of premia on the annual instalments raised, will be used with the sanction of the Corporation to meet the excesses, instead of its being necessary to raise a fresh loan.

In the case of the smaller works where the estimates are not often exceeded, any balance unspent on the conclusion of the work can be simply devoted, so far as it goes, to pay for other sanctioned loan works, reducing to that extent the sum required to be raised by loan in that year.—I have, &c.—F. L. CHARLES, Acting Municipal Commissioner.

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No. 9520 OF 1888-89.

BOMBAY, 31*st August* 1888.

TO THE SECRETARY, TOWN COUNCIL.

SIR,—The very favourable rates at which the recent instalments of Municipal Loans have been taken up, while yielding a large excess, at the same time have thrown out the calculations of the sums required to buy in Municipal Debentures for the Sinking Fund.

2. Municipal 5 per cent. Bonds are now quoted at 109¼; and if this favourable rate continues, ten per cent. more must be provided for the Sinking Fund instalments to enable us to buy up our own Bonds.

3. As the Municipality require loans in large sums of several lakhs at a time, whereas the market quoted rate is for single transactions of small amount, the quoted rate is nearly always higher than the rates at which the loans are issued.

4. Instead, therefore, of issuing the whole loan at the full rate, and buying up Municipal Debentures in the market for the Sinking Fund at a rate which is nearly certain to be higher, I propose to set aside annually at par so much of the annual loan for Public Works as may be necessary to provide the instalment of Sinking Fund required for the year; and to this course I request the approval of the Town Council.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 9658 of 1888-89.

BOMBAY, *3rd September* 1888.

TO THE SECRETARY, TOWN COUNCIL.

SIR,—The accounts of the investments on account of the Sinking Fund of the various loans raised by the Municipality from time to time, are now kept separately, the investment of the Sinking Fund for each loan being treated as a separate fund.

2. This procedure did not cause much inconvenience when the number of loans was small.

3. But there are now the accounts of six separate investments to be kept, and as the policy of the Corporation now is to borrow a fresh loan for public works every year, it follows that the number of separate accounts to be kept under the present system will soon become a serious difficulty.

4. I can see no object in maintaining this system, as the only important matter is to determine that the necessary sums have been invested for the year, and this can be determined just as easily, if all the sums are added together and invested for the benefit of one Sinking Fund, —as if, as has been the practice hitherto, each individual item on account of the Sinking Fund, the 44 Lakhs Sanitary Loan of 1885-86, the 7 Lakhs Loan of 1888, &c., &c., is separately invested.

5. I propose, therefore, to unify the various Sinking Funds, and to add together the sums annually necessary for the investments on account of the Sinking Funds of the various loans, investing the total in lump instead of in separate items.

This will save much labour in writing up pass-books, calculating interest, &c., as the calculations will be made once for all, on the totals.

6. It is, of course, of the utmost importance that the sums necessary to be invested as Sinking Fund should be so invested in the year, to secure the solvency of the Sinking Fund, as compared with its prospective liabilities.

I think, therefore, that at the end of each financial year, the Auditors should report to the Corporation that the investments belonging to that year had been duly made.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Major Selby, it was agreed that the foregoing papers regarding the Loan accounts, be referred to the Finance Committee for report.

No. 4152. On the application of the Acting Municipal Commissioner, made in his letter No. 9665, dated 4th instant, sanction was given to the transfer of Rs. 26, from savings in Section I., Establishment, Fire Brigade Budget, to Section II, Office Establishment, D, Cash Branch, Controller's Department Budget, to meet the cost of acting arrangement, made during the absence of Mr. Byramjee Sheriarjee, Cashier, Controller's Office, on privilege leave for one month.

The following was for the present *withdrawn* by the Acting Municipal Commissioner :—Letter No. 9687, dated 5th instant, from himself, asking the Council's sanction to the purchase of the full number of fire hydrants, namely 259, and special castings, from the Water Works Stores, at rates amounting to Rs. 11,288.

No. 4154. *Resolved :* That the Corporation be recommended to sanction the writing off, as loss, of Rs. 9,915-9-10, being the difference between the book value and sale proceeds of unserviceable, perishable and dead stock of different departments of the Municipality as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| Difference between book value and sale proceeds of unserviceable stores belonging to the Drainage, Water Works, and other Departments ... ... | 5,742 | 10 | 9 |
| Loss on account of broken pipes sold ... ... ... | 443 | 14 | 11 |
| Loss on account of unserviceable hose of the Fire Brigade transferred to Malabar Hill Reservoir, Victoria Gardens, and Drainage Departments ... | 2,257 | 0 | 2 |
| Loss on account of miscellaneous articles of the Police Hospital broken and rotten ... ... ... | 722 | 0 | 0 |
| Value of 10 tons old pipes taken out from Khetwadi and other streets, erroneously taken as surplus in the accounts for 1886-87, instead of being credited to the work, now adjusted by debit to profits and loss on account of stores ... ... | 300 | 0 | 0 |
| Value of 18 waste preventive cisterns supplied by the Municipal Workshops sold to Mr. Adumji Peerbhoy in 1885-86 and erroneously taken as surplus in the accounts for that year instead of being credited to deposit account, pending the adjustment of the Workshops charges now adjusted by debit to profit and loss of stores ... ... | 450 | 0 | 0 |
| Total Rs. | 9,915 | 9 | 10 |

*Resolved*: That the consideration of the following, which has been referred to the Acting Municipal Commissioner for remarks, be postponed :—Letter, dated 31st August 1888, from Mr. Ghandhi M. Byramjee, forwarding petition from residents of a lane leading to Hornby Road, asking that the lane may be lighted at the public expense.

No. 4155.

That the letter be transferred to the list of Outstanding Business.

In accordance with notice, Major H. O. Selby moved that the Acting Municipal Commissioner be asked that the correspondence showing how and under what conditions policemen attending fires receive compensation for damage to clothing, be laid upon the table.

No. 4156.

The motion was agreed to, and the Acting Municipal Commissioner accordingly placed the correspondence on the table.

*Resolved:* That, with reference to what are known as the hanging gardens at Malabar Hill, the Acting Municipal Commissioner be asked for the following information :—

No. 4157.

(I). On what authority the work was undertaken ? (II). What has been its approximate total cost to date ? (III). To what heads of accounts has the expenditure been debited ? and upon what authority ? (IV). Does any of the land belong to Government ? (V). How was it encroached upon and by whose authority ? (VI). Has Government ever demanded payment ? If so, when, and at what rate ?

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 2nd September 1888.*

Report of the Police Division of fire in stacks of wood at Modi Bandar, on the 22nd ultimo ; the damages are estimated at Rs. 27,000.

With reference to the above water return, the Acting Commissioner was asked to have a column added to the tabulation showing the height on the gauge and the overflow height on the same.

No. 4158.

Read letter No. 9675, dated 4th instant, from the Acting Municipal Commissioner, asking the Council to sanction Messrs. Walsh, Lovett & Co.'s proposal to take over the liability of Messrs. G. Smith & Co., the contractors for the supply of shafts for the Fort Drainage Work.

* *See* Appendix B.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That, as the contractors for the supply of cast-iron and zinc shafts for the Fort Sewerage work are stated to have dissolved partnership, and with reference to the Town Council's Resolution No. 1953, dated 4th January 1888, sanction be given, as recommended by the Acting Municipal Commissioner, to the contract being altered from the name of Messrs. George Smith & Co. to that of Messrs. Walsh, Lovett & Co., provided that the Solicitors to the Corporation see that Municipal interests do not in any way suffer thereby, that the Municipality does not incur any responsibility on account of such arrangement, and that Messrs. Walsh, Lovett & Co. are liable to the Municipality in the same manner and to the same extent as if the contract had been originally entered into with them."

On a division, there were 2 votes *for* and 3 *against* the motion which was *lost*.

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BOMBAY, 12*th September* 1888.

AT the regular Meeting of the Town Council, held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

Colonel Merewether moved, and Surgeon-Major Waters seconded, that Mr. Raghunath Narayan Khote, Esq., do take the chair.

Mr. Raghunath Narayan Khote proposed, and Mr. Nanabhoy Byramjee Jeejeebhoy seconded, that Colonel G. L. C. Merewether do take the chair.

The first proposal was agreed to as Colonel Merewether stated that he had a question to ask (item No. 12 on the Agenda paper).

The minutes of the meeting held on the 5th instant, were signed.

The Acting Municipal Commissioner handed in rough proof of his Administration Report for 1887-88 and stated that a copy will be delivered to each member of the Council in a day or two.

Read letter No. 10144, dated this day, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to request the sanction of the Town Council to the payment of Rs. 15,720-2-7, as shown in the margin, as per the award of High Court on the subject of the acquisition of ground from Mr. Zoolfikar Alikhan for Ollivant overbridge. —I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

| | Rs. | a. | p. |
|---|---|---|---|
| Awarded by the High Court | 10,700 | 0 | 0 |
| Interest | 1,461 | 2 | 7 |
| Claimant's Solicitor's charges | 1,896 | 8 | 0 |
| Government Solictor's charges | 1,662 | 8 | 0 |
| Total Rs. | 15,720 | 2 | 7 |

Proposed by Raghunath Narayan Khote, Esq., seconded by Nanabhoy Byramjee Jeejeebhoy, Esq.—

"That sanction be given to the payment of Rs. 15,720-2-7, from the balance of the grant for the construction of the Ollivant Overbridge, Nesbit Road, to provide for the following charges in the acquisition of ground from Mr. Zoolfikar Alikhan, award of the High Court Rs. 10,700, interest Rs. 1,461-2-7, charges of his Solicitors Rs. 1,896-8-0, charges of Solicitor to Government Rs. 1,662-8-0—total Rs. 15,720-2-7."

No. 4247.

*Rider* moved by Major Selby that the Acting Municipal Commissioner be requested to ascertain why the fees of the Government Solicitor are included in these charges.

The rider was accepted, and the motion, as thus amended, was *carried.*

Read the following letter No. 10137, dated 12th instant, to the Secretary :—

SIR,—I have the honour to request the sanction of the Town Council to the issue of 180 hydrants out of stock at rates already fixed by the Town Council to be debited to the balance, *viz.*, 5,357, remaining out of the grant of Rs. 10,000 in the current year's Budget for fixing fire hydrants.

Also to the issue of 15 tons of special castings. at sanctioned rates, for the same work to be similarly debited.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Rahimtula Mohamed Sayani, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

*Resolved* : "That sanction be given to the issue of 180 hydrants out of stock at rates already fixed by the Town Council, to be debited to the balance, *viz.*, 5,357 remaining out of the grant of Rs. 10,000 in the current year's Budget for fixing fire hydrants ; also to the issue of 15 tons of special castings at sanctioned rates for the same work to be similarly debited."

No. 4248.

Read the following letter No. 10145, dated 12th instant, to the Secretary:—

SIR,—The Town Council in their Resolution No. 1165, dated 10th November 1886, sanctioned the acceptance of Mr. Oosman Esmail's tender for the construction of masonry work of the officers' bungalow at Tansa Dam at rates amounting to Rs. 6,000. The contractor died on 8th January last, and the remaining portion of the work was completed departmentally.

2. The Executive Engineer is of opinion that the contractor had many difficulties to contend with in the way of sickness and as he has himself died since, the contract time should be extended up to the date of his death, and that the legal expenses for the preparation of the contract, which under the contract are to be recovered from the contractor, should not be so recovered.

3. I quite agree with the Executive Engineer, and urge the adoption of his recommendations, more particularly as I find that the tender was the only tender received in response to advertisements, and that his rates were too low.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of Colonel Merewether, seconded by Surgeon-Major Waters, it was—

No. 4249.

*Resolved*: "That, as recommended by the Acting Municipal Commissioner, sanction be given (1) to the remission of law charges (Rs. 116-8-0), payable by the late Mr. Oosman Esmail in respect of his contract for the construction of the Engineer's bungalow at Tansa; and (2) the extension of the time for the completion of such contract to the 8th January 1888, the date of the said Mr. Oosman Esmail's death; and (3) to the repayment of Rs. 350 to the deceased's executors, the amount of deposit lodged for the due completion of the contract."

Read letter No. 10153, dated 12th instant, to the Secretary, as under :—

SIR,—With reference to Town Council's Resolution No. 920, dated 4th August 1887, sanctioning the set-back at Bibijan Street, and Town Council's Resolution No. 3044, dated 13th July 1888, I have the honour to request the sanction of the Town Council to increase the rate from Rs. 15 to Rs. 50 per square yard, *plus* Rs. 250 for expense incurred by him in appealing to the Chief Presidency Magistrate. The compensation to be paid for the foundation standing on the set-back ground will be reported hereafter.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 4250.

"That, as applied for by the Acting Municipal Commissioner, in his letter No. 10153, dated this day, the rate of compensation for the 89·31 square

yards of land, or thereabout, taken from Hadji Rahimtula Sulliman and Hadji Moosa Sulliman for the improvement of Bibijan Street, be increased from Rs. 15 to Rs. 50 per yard, *plus* Rs. 250, for expenses incurred by them in applealing to the Chief Presidency Magistrate."

Sanction was given to the taking up of the following pieces of ground, required for the improvement lines of streets :—

No. 4251.—2·18 square yards, or thereabout, at Nos. 67-69, Mirza Street, at the rate of Rs. 20 per square yard. (In this case, the application for permission to rebuild is made by Mr. Sorabji Kavasji Gariwala.)

No. 4252.—2·18 square yards, or thereabout, at the junction of Colaba Road and Thomas Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to make additions towards the north of house No. 389, is made by Mr. Jamasji Merwanji.)

Read letter No. 9886, dated 7th instant, to the Secretary, as under :—

SIR,—As verbally explained to the Town Council at their meeting on 5th instant, I have the honor to request that a Committee may be appointed to revise the rates at which land for street improvement is now taken up, and that on the receipt of their report the Town Council will fix for each street or locality rates based on the prices ruling of late years.

At present the rates sanctioned by the Town Council are often rates which were fair several years ago, but which are now entirely out of date and are absolutely refused by the persons to whom they are offered. This leads to suits being brought by land-owners against the Municipality, whereas were better rates offered, land-owners would probably accept them rather than go to Court.

The practice up to date has been, as a rule, to enter the rate last paid by the Municipality in that locality, though no land may have been taken there for some years.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rahimtula Mohamed Sayani, Esq., seconded by Major Selby—

"That a Committee of the Town Council be appointed to revise the rates of land taken up for street improvement so as to serve as an approximate guide to the Town Council in fixing rates."

No. 4253.

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major Waters—

"That the Committee consist of Mr. Rahimtula Mohamed Sayani, Mr. Muncherjee Nowrojee Banajee, Mr. Cowasjee

Hormusjee.* That Mr. Sayani act as Chairman of the Committee."

*Carried.*

No. 4254. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his letter No. 9997, dated 8th instant, sanction be given to the taking up from Mr. Vusunji Hirji, of 31·95 square yards, or thereabout, of ground required for the improvement of Brunton Road and Kamathipura 5th Street at the rate of Rs. 10 per yard, and to the sale at the same rate to Mr. Vusunji Hirji of 53·19 square yards, or thereabout, of Municipal land situate thereat, to allow of the setting forward of Mr. Vusunji Hirji's property thereat, for improving the line of the said streets."

No 4255. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his letter No. 9998, dated 8th instant, sanction be given, under the terms of Section 162 of the Municipal Acts of 1872 and 1878, to the setting forward of Messrs. Premji Kara and Mulchund Nansi's property situate at Mody Street, for improving the line of that street, and that 3·35 square yards, or thereabout, of Municipal land now adjoining the said property be sold to Messrs. Premji Kara and Mulchund Nansi at Rs. 25 per square yard for so improving the line of the said street."

The following were transferred to the Outstanding List:—

No. 4256. Letter, dated 5th instant, from Papabai, widow of Sheik Jagoo, stating that, if the Town Council still adhere to the rate fixed for her land, required for the proposed new road No. 8, Agripada, she will take legal steps in the matter. Referred to the Acting Municipal Commissioner on the 7th idem. (No. 4160.)

No. 4257. Letter, dated 28th August 1888, from Messrs. Thakurdas, Dharamsi and Cama, stating that the rate of Rs. 15 per square yard, fixed for the land taken up from Thakur Kessewji Poonja, for the improvement of new Bengalpura Street, is inadequate, and asking that Rs. 25 per yard may be allowed for the land in question.

Read letter, dated 26th January 1888, from Jamnabai, wife of Mr. Bhimjee Lalljee, stating that her land and steps standing on the portion thereof, situate at Trimbak Purush-

* The name of Mr. Cowasjee Hormusjee was added on the motion of Mr. Raghunath N. Khote, who was nominated as one of the members, but declined to serve.

ram Street and Pathan 2nd Street, taking up of which was sanctioned by the Town Council, in their Resolutions Nos. 209 and 210, dated 4th May 1887, required for the improvement of those thoroughfares, are now claimed by the Municipality as part of the public road thereat. The applicant protests against such claim, and asks that she may be allowed a fair valuation for the same.

Also memorandum No. 9999, dated 8th instant, from the Acting Municipal Commissioner, stating that, if the applicant thinks that the ground belongs to her, she must prove her title to the satisfaction of the Executive Engineer which up to date she has failed to do.

Proposed by Raghunath Narayan Khote, Esq., seconded by Rahimtula M. Sayani, Esq.—

"That Jamnabai, wife of Mr. Bhimji Laljee, be informed in reply to her letter, dated 28th August last, that if she thinks the ground in question belongs to her she must prove her title to the same to the satisfaction of the Executive Engineer of the Municipality."

No. 4258.

*Carried.*

Considered again of letter No. 467, dated 21st July 1888, from Mr. R. F. Chisholm, on behalf of Mr. Abdul Huk, C.I.E., stating that Mr. Abdul Huk declines to accept Rs. 30 per square yard, sanctioned by the Town Council, in their Resolution No. 1126, dated 23rd May 1888, for the 342·78 square yards of ground, or thereabout, taken up from his property (Old Secretariat) for the improvement of Bruce Lane, and asks Rs. 50 per yard.

Read memorandum No. 9921, dated 7th instant, from the Acting Municipal Commissioner, to the effect that the Rate of Rs. 30 per square yard offered to the party is the fair value of land in that locality. The same rate has been paid for land in Tamarind Lane, which is, as it were, a continuation of Bruce Lane.

Proposed by Rahimtula Mohamed Sayani, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Town Council adhere to their Resolution No. 1126, dated 23rd May 1888, fixing Rs. 30 per square yard for the ground in Bruce Lane taken from Mr. Abdul Huk, C.I.E."

No. 4259.

*Carried.*

Considered memorandum No. 9721, dated 5th instant, from the Acting Municipal Commissioner, asking the

Council's sanction to the demolition specified in letter No. 6343 B, dated 3rd idem, of new chawl built by Mr. Kushaba Chapaji, and contrary to the sanctioned plan, measuring 196 feet by 16 feet at DeLisle Road. The chall has no plinth, and is only 6′ 6″ in height at the eaves. It consists of a tiled roof supported on wooden posts, and is without walls. The work of building was commenced on or about the 1st of June last. A notice under Section 167 of the Municipal Acts, requiring the owner to adhere to the sanctioned plan, was served on the 14th July last, but up to date it has not been complied with. The chall was intended for a dwelling, but it is now used as only for bullocks.

*Resolved:* "That, as applied by for the Acting Municipal Commissioner, in his memorandum No. 9721, dated 5th instant, sanction be given to the demolition of Chall at DeLisle Road, the property of Mr. Kushaba Chapaji."

No. 4260.

The seal of the Corporation was affixed to 200 Debenture bonds of Rs. 1,000 each, in the Tansa Water Works of the value of Rs. 2,00,000, being Nos. 9401 to 9800, both inclusive.

Read and *recorded* memorandum No. 9992, dated 8th instant, from the Acting Municipal Commissioner, reporting under Section 55 of the Municipal Acts of 1872 and 1878, that he has authorized the following sales :—

No. 4261.

| Sales. | Name of Suppliers. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| 4 cart-loads manure, at the rate of annas 8 per cart-load .. .. | Municipality. | Mr. Bhyroo Khooshaba. | .... | August 1888 | Rs. a. p. 2 0 0 |
| 10 cart-loads manure, at the rate of Re. 1 per cart-load .. .. | Do. | Mr. H. M. Phipson. | .... | Do. | 10 0 0 |
| 5 cart-loads manure, at the rate of Re. 1 per cart-load .. .. | Do. | Mr. Sorabji Navaroji Cooper. | .... | Do. | 5 0 0 |

Read the following letter No. 4167, dated 8th instant, to the Chairman, Town Council.

SIR,—I have the honour to inform you that, at the meeting of the Committee appointed by the Council on the 22nd ultimo, to report on the question of the leakage of the Malabar Hill and Bhandarwada Reservoirs held on the 6th instant, it was agreed that the Town Council be asked whether they did or did not intend that the

Committee should report on the whole of the questions raised in connection with all the papers referred to the Sub-Committee for report.—I have, &c., G. MEREWETHER, Chairman of the Committee of the Town Council on the question of the leakage of Malabar Hill and Bhandarwada Reservoirs.

On the motion of Javerilal Umiashankar Yajnik, Esq., it was—

*Resolved:* "That the consideration of letter, dated 8th instant, from Colonel Merewether, be adjourned till next meeting." No. 4262.

Shortly after half-past five, the Council adjourned.

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BOMBAY, 19*th September* 1888.

AT the first meeting of the Standing Committee of the Municipal Corporation, appointed under Municipal Act III of 1888, held this day, there were present:—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

On the motion of Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., Rahimtula Mohamed Sayani, Esq., was voted to the chair.

The minutes of the meeting held on the 12th instant, were signed.

*Resolved:* "That sanction be given, under the terms of Section 90 of the City of Bombay Municipal Act of 1888, to the payment as under, for the following pieces of ground, taken for the improvement lines of streets:—

No. 4298.—16·34 square yards, or thereabout, at No. 52, Khetwadi 3rd Lane, at the rate of Rs. 8 per square yard. (In this case, the application for permission to build stable and compound wall to his house, is made by Gunubai Ramkrishna.)

No. 4299.—7·27 square yards, or thereabout, at Khetwadi 12th Lane, at the rate of Rs. 8 per square yard. (In this case, the application for permission to build is made by Mr. Pestonji Hormusji.)

No. 4300.—6·95 square yards, or thereabout, at Nos. 85, 87 and 89, Kamathipura 4th Street, at the rate of Rs. 10 per square yard. (In this case, the application for

permission to rebuild is made by Chandbi, wife of Navaji Ali.)

No. 4301.—2·33 square yards, or thereabout, at No. 46, Kamathipura 12th Street, at the rate of Rs. 10 per square yard. (In this case, the application for permission to rebuild is made by Sonabai Sorabji.)"

It was agreed that the following be referred to the Acting Municipal Commissioner for report :—

No. 4302. (1) Memorandum No. 10477, dated 19th instant, from the Acting Municipal Commissioner asking sanction to the payment of compensation to Mr. Pestonji Cursetji Mehta at the rate of Rs. 3 per yard for 670 square yards, or thereabout, taken up at Nos. 273 and 285, at proposed new Road No. 6, Agripada, and

No. 4303. (2) Letter, dated 11th instant, from Messrs. Ardesir, Hormusji and Dinshaw, on behalf of the proprietors of the Khoorshed Manufacturing Company, objecting to the giving up of land, required for the proposed road at Agripada, and asking that permission may be accorded to erect the new boiler house in the position fixed on by them for the purpose.

Considered again letter, dated 28th July 1888, from Mr. Jairam Hari, objecting to the rate of Rs. 3 per square yard, sanctioned by the Council, in their Resolution No. 1686, dated 20th January 1886, as the rate for 48·58 square yards of ground, or thereabout, taken up from his property, for the improvement of Walkeshwar Road, and requesting that the rate may be increased to Rs. 10 per yard.

Read memorandum No. 10095, dated 11th instant, from the Acting Municipal Commissioner, stating that he thinks it would be wise to offer Rs. 5 per yard, as many houses have lately been built in this locality, and Rs. 7 per yard has been paid on the Ridge Road lately.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 4304. "That the rate of Rs. 3 per square yard fixed for the 48·58 square yards of ground, or thereabout, taken up from Mr. Jairam Hari, for the improvement of Walkeshwar Road be increased, as recommended by the Acting Municipal Commissioner, to Rs. 5 per yard."

*Carried.*

Considered again letter, dated 13th March 1888, from Hadji Essa Hadji Fuzla, declining to accept the rate of Rs. 10 per square yard, offered for the land taken up from him for the improvement of New Bengalpura Street, and asking that he may be allowed Rs. 30 per yard.

Read memorandum No. 10353, dated 14th instant, from the Acting Municipal Commissioner.

*Resolved:* "That the rate of Rs. 10 per square yard, sanctioned for the 15·75 square yards of ground, or thereabout, taken from Hadji Essa Hadji Fuzla, for the improvement of New Bengalpura Street be increased, as recommended by the Acting Municipal Commissioner, to Rs. 20 per yard."

No. 4305.

On the application of the Acting Municipal Commissioner, made in his letter No. 10489, dated 19th instant, it was agreed, on the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major Waters—

"That the Standing Committee approve of the Acting Municipal Commissioner's applying to Government, under the terms of Section 91 of the City of Bombay Municipal Act III. of 1888, to declare that the following plots of land and buildings standing thereon, situate to the north and east side of Bhuleshwar Road, are required for public purposes, namely, the extension of Bhuleshwar Vegetable and Fruit Market and widening of roadway.

No. 4306.

Plot H, property of Mr. Kuver Natha, both land and existing buildings; plot I, property of Mr. Jamnadas Tulsidas, both land and existing buildings; plot J, property of Mr. Dayal Shamji, both land and existing buildings; plot K, property of Mr. Manmohandas Parmanandas, both land and existing buildings; plot L, property of Mr. Gungadhar Vizbhukandas, both land and existing buildings; plot N, property of Mr. Nandram Khatav, both land and existing buildings; plot M, property of Mr. Shivram Purshotam, both land and existing buildings."

Read letter No. 16476, dated 19th instant, to the Chairman, Standing Committee, as follows:—

SIR,—I have the honour to inform you that by the 4th Clause of Schedule R of the Municipal Act, the Town Council is to be deemed to be the Standing Committee for the purposes of the Act until the

first appointment of such Committee in April next, and that Clause 6 of the same provides that all Municipal officers and servants holding office on the day before the new Act came into force, shall be deemed to have been appointed under the Act, and until an order to the contrary is passed by competent authority, shall continue to hold respectively the same or the corresponding offices under the new Act and to receive the same emoluments. The 7th Clause of the Schedule is as follows:—"The Standing Committee may, with the approval "of the Corporation, grant to the Municipal Secretary, in addition to "his maximum monthly salary of one thousand rupees, a personal "allowance not exceeding two hundred rupees monthly in considera-"tion of such Secretary's long and approved service, so long as the "office is held by the same person who, on the day when the Bombay "Municipal Acts Amendment Act, 1882, came into force, was Secretary "to the Town Council and Clerk of the Municipal Corporation."

Mr. Barrow, who now becomes Municipal Secretary, has been drawing the maximum pay and personal allowance of Rs. 1,200 per mensem from the 1st April 1886, and I beg to recommend the Standing Committee to fix his pay at Rs. 1,000 per mensem, *plus* Rs. 200 per mensem personal allowance, from the date of the passing of the Act, subject, of course, to the approval of the Corporation (*see* Section 77 D., and Schedule R., Clause 7).

This is necessary in order to enable Mr. Barrow to draw the same pay as he has hitherto drawn.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major Waters—

No. 4307. "That, under the provisions of Section 77 and Schedule R of the City of Bombay Municipal Act of 1888, and subject to the approval of the Municipal Corporation, the pay of Mr. H. W. Barrow, Municipal Secretary, be fixed at Rs 1,000 per mensem, with a personal allowance of Rs. 200 a month, for long and approved service, or a total of Rs. 1,200 a month, as drawn by him from 1st April 1886."

*Carried unanimously.*

No. 4308. The seal of the Corporation was affixed to deed of contract with Messrs. Vishnu Narsingrao, Tukaram Ranooji, and others, for the supply, during 1888-89, of sandstone and sea-sand or shingle, at Rs. 6-4-0 and Rs. 10 per brass respectively.

No. 4309. *Resolved:* "That memorandum No. 10391, dated 14th instant, from the Acting Municipal Commissioner, reporting, formally, that under Section

55 of Municipal Acts of 1872 and 1878, now repealed, he authorised the following purchases and sales, be *recorded:*—

| Supplies, &c. | Sales. | Name of Supplier, &c. | By whom purchased, &c. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|---|
| | | | | | | Rs. a. p. |
| 5 Rolls Ferro-Prussiate Paper. | .... | Messrs. Thacker & Co. | The Acting Executive Engineer. | For Office use.. | June 1888 .. | 45 0 0 |
| 8 Sheets white mounting boards and 6 brown mill boards. | .... | Do. .. | The Deputy Executive Engineer, Water Works. | For model of Malabar Hill Reservoir. | Do. .. | 3 6 0 |
| 200 Dhapas (3' × 1' × 6') and 30 ditto (2' 6" × 1' × 6"). | .... | Mr. Hari Shrichar. | The Acting Executive Engineer. | In connection with water entrances, Khetwadi Main Road. | Do. .. | 224 0 9 |
| Furniture (auction sale). | .... | Messrs. Bennett & Co. | The Deputy Executive Engineer, Water Works. | .... | Aug. 1888 .. | 106 0 0 |
| 1 Bear cub .. | .... | Mr. T. C. Powell (Chunda, Central Provinces). | The Acting Executive Engineer. | For Victoria Gardens. | July 1888 .. | 25 0 0 |
| 3,100 lbs. Beef at the rate of 16 lbs. per Rupee. | .... | Mr. Sha Mohomed Sheroofbhoy. | Do. .. | For animals, Victoria Gardens. | Do. .. | 193 12 0 |
| 5 Thermometers complete. | .... | Messrs. Kemp & Co. | The Deputy Executive Engineer, Water Works. | .... | May 1888 .. | 17 8 0 |
| Chubb's Deed Box, No. 3. | .... | Mr. Edulji Pestonji. | The Assessor and Collector. | .... | June 1888 .. | 20 0 0 |
| .... | 5 cart-loads manure at Re. 1 per cart-load. | Municipality.. | Mr. Rustomji Merwanji Patel. | .... | Sept. 1888 .. | 5 0 0 |
| .... | 568 do. cutchra at pies 9 per ditto. | Do. .. | Hadji Essa Hadji Fuzla. | .... | Do. .. | 26 10 0 |
| .... | 2 do. manure at Re. 1 ditto. | Do. .. | Mrs. Mehta | .... | Do. .. | 2 0 0 |
| .... | 2 do. do. do. | Do. .. | Mr. Merwanji Rustomji. | .... | Do. .. | 2 0 0 |

*Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his letter No. 10392, dated 14th instant, sanction be given to the acceptance of tender from Messrs. Ewart, Latham and Co.—the lowest of three tenders received—for the supply of cement. The cost to be met by advances to Drainage Stock to be adjusted, from time to time, from loan allotments, or Budget grants, or sale proceeds, as the case may be."

No. 4310.

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Surgeon-Major Waters, it was—

*Resolved* : "That the following be *recorded* :—

No. 4311. "Letter No. 10111, dated 11th instant, from the Acting Municipal Commissioner, stating that, owing to the Health Department being 68 pairs of bullocks short of the requisite strength, and as extra bullocks are urgently needed, he has authorised the hiring of 50 pairs of bullocks from the contractors for the supply of carts and bullocks. The charges to be debited to savings in the grant for feed of bullocks, Health Department Budget."

On the motion of Rao Saheb Vishvanath Narayan Mandlik, seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved* : "That, as recommended by the Acting Municipal Commissioner, sanction be given to the payment of Rs. 400, to the Collector of Land Revenue, Customs and Opium, being the amount of fees due to two Assessors, appointed in the matter of the taking up of land from Mr. Zoolfikar Alikhan, for the construction of the Ollivant Overbridge, Nesbit Road. The charge to be debited to the grant for the said bridge."

No. 4312.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 10096, dated 11th instant, it was—

*Resolved* : "That sanction be given to the expenditure of Re. 0-6-1, to meet the excess over the grant of Rs. 205, sanctioned by the Town Council in their Resolution No. 1634, dated 23rd November 1887, for the construction of a road on the ground at Bellasis Road, purchased for the surface drainage works. The charge to be debited to savings in the grant for the said drainage works."

No. 4313.

*Resolved* : "That, as recommended by the Acting Municipal Commissioner, in his letter No. 10390, dated 15th instant, sanction be given (1) under section 19 clause (*b*) of the Municipal Act III. of 1888, to the charging of Re. 1 per copy of the Municipal Voters' List, and (2) under section 344 of the said Act, to the charging for the present, Annas 8 per building application form."

No. 4314.

Considered again resolution of the Sub-Committee appointed by the Town Council to report on the question

of the leakage of the Malabar Hill and Bhandarwada Reservoirs, No. 4167, dated 8th instant, as follows :—

"That the Town Council be asked whether they did, or did not, intend that the Committee should report on the whole of the questions raised in connection with all the papers referred to the Sub-Committee for report?"

In accordance with notice of motion, and referring to the enquiry made by the Sub-Committee as above, it was—

Proposed by Javerilal Umiashankar Yajnik, Esq.—

No. 4315. "That the Sub-Committee report on the following points :—

(1). What works the Committee, after consulting the Deputy Executive Engineer, consider should be taken in hand now?

(2). Whether the Committee do or do not consider that it would be better to finish one reservoir first before undertaking the work of the other? If not, why not?

(3). That they furnish an abstract estimate of cost signed by the Deputy Executive Engineer and properly allocated between Revenue and Loan.

(4). What works the Committee consider may be further considered hereafter?

(5). To report the *facts* regarding the supervising staff for Bhandarwada only, and from the records of the Town Council to report with reference to the *whole* period during which this reservoir was under construction.

(*a*). What references were made to the Town Council for staff?

(*b*). How, *in each instance*, the Town Council treated these references?

(*c*). Whether, *during the whole of this period*, any report was submitted to the Council, showing that the weakness of the staff was causing or likely to cause bad or indifferent work?

(6). To report if the contractors' bills were paid on certificates that the work had been satisfactorily performed."

Seconded by Raghunath Narayan Khote, Esq.

*Amendment*, proposed by Rao Saheb Vishvanath Narayan Mandlik, seconded by Colonel Merewether—

"That paras. 5 and 6 of Mr. Javerilal's motion be *struck out*."

On a division, there were 3 votes *for* and 6 *against* the amendment which was *lost*.

*Amendment*, moved by Colonel Merewether, seconded by Surgeon-Major Waters—

"That points 1, 2, 3 and 4 only be referred to the Sub-Committee, and that, as regards 5 and 6, the Municipal Secretary be asked to be so good as to furnish the Stand-

ing Committee with a statement of the facts referred to. But that, instead of the period to be treated being merely that during which the reservoir was under construction, it extend from the beginning of the consideration of the question of the staff to be sanctioned for the Bhandarwada Reservoir works until the completion of the works."

On a division, there were 3 votes *for* and 6 votes *against* the amendment which was *lost.*

The original motion was then *carried* by 6 votes *for* and 3 *against.*

Considered again notice, dated 23rd August 1888, from Surgeon-Major G. Waters, with reference to the contract entered into by the Municipality with Messrs. Walsh, Lovett & Co., for the execution of the Tansa aqueduct.*

Read letter No. 10004, dated 8th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—As explained already to the Town Council at the time Dr. Waters made his motion on 27th August 1888, I have no reason to interfere in the matter of Colonel Beaumont, Messrs. Greengrass & Co., and others who have been employed by Messrs. Walsh, Lovett, Mitchell & Co., to do portions of the work let to them.

2. Messrs. Walsh, Lovett, Mitchell & Co.'s contract amounts to Rs. 42 lakhs of rupees, and their work extends over more than 46 miles of country. The work itself includes 8 tunnels (some of them over 3,000 feet in length), earthwork, masonry, conduit, pipe laying and bridges.

3. Any one acquainted with the execution of large engineering projects will understand that it is out of the question to expect any firm to do departmentally the whole of such a work as this, because the rates to be paid would be ruinous alike to the Municipality and to the contractors. The universal practice on such large works is for the larger contractors to give out portions of the work, as piece-work, to smaller men subject to the general superintendence of the contractors. This, however, in no way detracts from the final responsibility of the real contractors, and it is with them, and with them alone, that the Municipality have to settle.

4. The dispute among the smaller men, such as that referred to in Dr. Waters' motion, is of a kind that is certain to arise in every large undertaking of any kind. It is, however, not of the smallest consequence to the Municipality as we only recognize Messrs. Walsh, Lovett, Mitchell & Co., and pay them for the quantity of work done, so long as the work is properly done ; it is no business of the Municipality whether the persons who do it squabble among themselves or not.

5. In the present case, Messrs. Walsh, Lovett, Mitchell & Co.,

* *See* minutes of the meeting of the Town Council, held on the 28th August 1888.

with the knowledge and approval of Mr. Clerke and myself, brought out Colonel Beaumont, a gentleman of special experience in the work of tunnel boring by machinery, to execute the tunnel portion of their contract. Pending the arrival and fixing of pneumatic machinery, Colonel Beaumont started work by hand, giving some of the tunnelling, as piece-work, to Messrs. C. Greengrass & Co. This hand work was to be stopped in the case of the larger tunnel in the sub-division of Mr. J. Greengrass at the will of Colonel Beaumont as soon as the pneumatic machinery was ready. In all this there was nothing to object to. The real dispute appears to be between Messrs. Greengrass and the persons they employed to do portions of their work, but, as above stated, this is a matter in which the Municipality is in no way concerned.

6. The only point on which any doubt could arise, is the employment of Mr. J. Greengrass as superintendent of works on a sub-division in which his brother was working as a contractor. Mr. J. Greengrass's district was 12 miles in length, and out of this 12 miles his brother had work to the extent of 185 feet, or say 60 yards. To disturb a section of 12 miles for the sake of 60 yards would have been unwise in any case, and as rock tunnelling is a kind of work in which, from the very nature of the case, no fraud can be practised (the only thing to be paid for being the hole in the rock after it is made), Mr. Clerke very rightly considered that there was no possible harm in allowing Mr. J. Greengrass to remain on that sub-division.

7. The final payment to Messrs. Walsh, Lovett, Mitchell & Co. will be made on account of the tunnels, by measurement of the length bored, and special care is taken to see that the levels and width come up to the Specification, these being checked by Mr. White. I have ascertained that Messrs. Greengrass & Co. have no masonry or other work except tunnelling on any portion of the line. Indefinite subletting will, of course, not be allowed in masonry or in other similar work in which bad materials and workmanship could be put in, or in any other case in which the Engineers consider it objectionable, but, as above explained, there is no way in which bad work could be done in the case of a tunnel, considering that what is paid for is merely a hole, measured and paid for by its length.

8. The bonus to be earned on the tunnels by Messrs. Walsh, Lovett, Mitchell & Co. is Rs. 60,000; and they have, therefore, the strongest reason for getting the tunnels bored in time to the satisfaction of the Executive Engineer, failing which the bonus will not be paid.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

No. 4316. *Resolved:* "That the foregoing letter No. 10004 of 1888-89 be *recorded;* and that the thanks of the meeting be tendered to Surgeon-Major Waters for bringing the subject to the notice of the late Town Council."

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

No. 4317. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 9723, dated 5th instant, sanction be given

to the expenditure of Rs. 382, to provide for the laying 3″ water main in Mugbhat Lane ; the cost to be debited to the balance of reserve sum of Rs. 6,145 in the grant of Rs. 51,475, provided in the Budget for current year, for cost of mains in various streets in Chuckla, Pydhoni, and elsewhere.

On the application of the Acting Municipal Commissioner, made in his memorandum No. 9722, dated 5th instant, it was—

*Resolved :* " That the Corporation be recommended to sanction the writing off, as loss, of Rs. 1,539-13-2, from the live-stock return of the Health Department, being the book value of 24 bullocks that died and 2 that were destroyed—total 26—during the quarter ending 31st May 1888."*

No. 4318.

It was agreed that the following letter No. 10015, dated 8th instant, from the Acting Municipal Commissioner, be printed and considered next week :—

SIR,—The Corporation in their Resolution No. 1713, dated 1st December 1887, sanctioned Rs. 3,820 for the preparation of plans and estimates of the house sullage water connections for the district hitherto known as Agripada, shown in the accompanying plan, which was laid down with pipe sewers three years ago.

2. Prosecutions to compel house-owners to connect with the new pipe sewers were suspended, pending the preparation of plans and estimates with a view to the work being carried out at the expense of the Corporation as has been sanctioned in the case of the 1st Drainage Section, and the Queen's Road and Girgam District and Kamathipura.

3. It is of the utmost importance that the new sewers should be connected with the houses, as, till this is done, the money spent on laying down the pipe sewers brings in no result, and the whole neighbourhood is very much in want of immediate attention.

4. The cost of a house connection, when the house stands in or near a street, is Rs. 229, and there are 448 houses coming under this description. There are in addition 212,houses in their own compounds at a distance from the roads in which the sewers lie—and the average cost of each of these connections is Rs. 418, or a total of Rs. 88,665, for the 212 houses.

5. Corporation's Resolution No. 2268, dated 3rd November 1882, decided that "in the case of any building standing in its

* *Causes of death :* 3 Inflammation of lungs and general debility, 2 flatulent colic, 2 heart disease, 3 inflammation of heart and lungs, 9 old age and general debility, 1 dysentery and general debility, 1 disease of lungs, 1 from the effects of lap-bone broken into pieces, 1 foot and mouth disease, 1 heart and lungs inflamed and abscess in liver. Total, died 24 and 2 destroyed. Total died and destroyed 26. *Locality where death or invalidity took place :* 15 Bori Bandar Hospital, 2 Sankli Tank Hospital, 1 B Ward stable, 2 C Ward stable, 2 D Ward stable, 1 E Ward stable, 2 G Ward stable, and 1 Girgam Night Branch stable—total 26. Annual percentage of losses on the whole stock, 6·09.

own compound, the question of the payment of the cost of constructing and maintaining the connections be referred by the Commissioner to the Corporation as he may deem necessary." With reference to this, as there appears no reason why more of the public money should be spent for the benefit of house-owners who possess houses in large compounds than for those who have smaller houses on streets, I propose to charge the owners of houses in compounds the difference between the actual cost of the connections in these 212 cases, and the sum of Rs. 229, the average of the remaining 448 cases.

6. The accompanying statement gives the details of the various works which are exactly similar to those recently sanctioned for the Queen's Road and Girgam Section.

7. The total, including contingencies, is Rs. 2,48,642. If we recover the proportion mentioned in para 5 on account of houses standing in their own compounds, namely, Rs. 40,068, the net amount to be sanctioned is Rs. 2,08,574.

8. This should be charged to Loan Funds, and I have to request the sanction of the Corporation to raise the necessary loan ; meantime commencing the work by payments from Cash Balances to be adjusted hereafter when the loan is raised. Detailed plans and estimates accompanying.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

DETAILS.

| | Rs. |
|---|---|
| Cost of house sullage water connections to No. 448 Street houses—average cost per house Rs. 229... ... ... | 1,02,415 |
| Flushing tanks in connection with house sullage water connections ... ... ... ... ... ... | 26,227 |
| Inspection chambers on house sullage water connections... | 6,734 |
| Ventilating shafts in connection with sewers, rendered necessary by the making of house sullage water connections ... ... ... ... ... ... ... | 11,712 |
| A 9" pipe sewer in Victoria Cross Lane (being the only metalled road unsewered in district surveyed) ... ... | 3,736 |
| House sullage water connections to 33 houses in Victoria Cross Lane in connection with sewer proposed in estimate, amounting to Rs. 3,736—average cost per house Rs. 277 ... ... ... ... ... ... ... | 9,153 |
| Cost of house sullage water connections to 212 houses in their own compounds—average cost per house Rs. 418. | 88,665 |
| Total ... Rs. | 2,48,642 |

*Resolved :* " That the following be referred to the Acting Municipal Commissioner for favour of report :—

No. 4319. Letter, dated 8th instant, from Mr. Furdoonji Merwanji Banaji, making certain allegations in regard to the house connection operation being carried on in front of house at No. 5, Hornby Road, and forwarding claim for charges amounting in all to Rs. 22-2-0, being

the professional fees of an Engineer and wages of a maistry and two bigarees."

Considered again letter, dated 27th August 1886, from Mr. Shantaram Narayen, complaining of the condition of Mugbhat Cross Lane and by-lanes adjacent thereto, and suggesting that a direct road be made from Mugbhat Lane to Thakurdwar Road.

Read letter No. 10903, dated 8th instant, from the Acting Municipal Commissioner, to the Secretary, Town Council, as follows :—

SIR,—Referring to the Town Council's Resolutions Nos. 757 of 31st August 1886, and 1502 of 5th January 1887, and Mr. Shantaram Narayen's petition for opening out the Mugbhat Cross Lanes by the removal of the houses which now prevent egress from these lanes to Thakurdwar Street on one side, and to Girgam Road on the other, I have the honour to report that I think the project is an excellent one, and had the Mugbhat Lanes been public streets there would have been no difficulty in carrying out the plan.

2. But the Mugbhat Cross Lanes are only about 15 feet wide, and therefore can never be taken over as public streets, the minimum width necessary being 24 feet. They are private lanes, and the whole of the buildings on one side belong to a single owner. I asked Mr. Shantaram Narayen to try to prevail on the house-owners generally to combine to bear the cost (Rs. 11,239) of the removal of the two houses, but he has replied that, though he is quite willing to bear his share, the rich owner of the greater portion of the property above referred to will not join, and the other owners are too poor to bear the cost alone.

3. Under these circumstances, I fear this very desirable improvement cannot be carried out, as it would not be just to spend public money for an improvement which is designed solely for the benefit of the private owners of the lanes in question.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Resolved :* " That, in reply to his letter, dated 27th August 1886, Mr. Shantaram Narayen be informed that the Mugbhat Cross Lanes are only about 15 feet wide, and therefore cannot be taken over as public streets."

No. 4320.

Considered letter, dated 5th instant, from Mr. Pranjivandas Wagji, on behalf of land-owners and residents of Banam Hall Lane, asking that the question of the lane being declared as a public one may be adjudicated upon before the new Municipal Bill becomes law.

Read memorandum No. 9730, dated 5th instant, from the Acting Municipal Commissioner, forwarding, with reference to the Town Council's Resolution No. 3801, dated 8th ultimo, letter, dated 29th idem, from Messrs. Crawford and

Buckland, stating that they are of opinion that the lane cannot, even if it be levelled, paved, &c., in the manner provided by Section 160 of the Municipal Acts, be legally declared to be a public street within the meaning of that section. The Acting Commissioner states, in forwarding the above letter, that, as shown in his letter No. 8010, dated 7th ultimo, nothing can be done in the matter.

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

"That, in reply to his letter, dated 5th instant, Mr. Pranjivandas Wagji, on behalf of land-owners and residents of Banam Hall Lane, be informed that the lane cannot legally be declared a public thoroughfare."

No. 4321.

*Carried.*

Considered again resolution of the Corporation No. 2708, dated 26th March 1888, as follows :—"That the subject of the proposed Vaccination Depôt and Stables be referred back to the Town Council, with the opinion of the Corporation, that the scheme as now submitted is too costly, and that the Corporation have not hitherto been called upon to provide quarters for the Superintendent of Vaccination."

Read letter No. 10001, dated 8th instant, from the Acting Municipal Commissioner, to the Secretary, Town Council, as follows :—

SIR,—With reference to the Town Council's Resolution No. 100, dated 11th April 1888, I have the honour to forward an extract from letter No. 1342B of 16th May 1888, para. 3, which gives the reasons why it is necessary for the Superintendent of Vaccination to have quarters at the Vaccination Station.

2. I quite agree with his remarks and consider that the work of the station will be likely to suffer if the Superintendent has to find quarters for himself at a distance from his works ; especially as there are no houses of the sort, he would require anywhere near the site granted by Government near the Jaffer Suliman Dispensary in Hornby Road.

3. After consulting the Superintendent, I have cut down the accommodation for the Superintendent to the lowest possible scale, *viz* :— one sitting room with two bed rooms. The estimate prepared by the Government P. W. D., amounted to Rs. 62,038. The reduced estimate, prepared by Mr. Walton and submitted to the Corporation, amounted to Rs. 40,000. The estimate I now submit, as reduced to the lowest possible scale, amounts to Rs. 26,410, including contingencies at 15 per cent. for Superintendent's quarters, heifer stables, privies, &c. The sum already provided by the Corporation is Rs. 15,000 which is available ; a further grant of Rs. 11,410 is therefore required, and this should be

charged to Loan Funds. The want of proper stables and a Vaccination station has been long pointed out, and I strongly urge that the sum now asked for may be granted.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Extract para. 3, from Sanitary Commissioner's letter No. 1342 B of 16th May 1888, to the Municipal Commissioner.*

"3. It is of the highest importance that the Superintendent should reside in the premises, not only to supervise the management and care of the calves, but chiefly for the purpose of attending to calls for lymphs at any time day or night: the usefulness of such an institution would be much impaired if the Superintendent were not always to be found on the spot."

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

"That the question of providing quarters for the Superintendent of Vaccination be postponed till next week; and that the papers relating thereto be printed on the minutes of this meeting."

On a division, the motion was *lost*, the votes being 3 *for* and 5 *against*.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the consideration of the question of providing quarters for the Superintendent of Vaccination, heifer stables, privies, &c., be postponed till next Budget."

No. 4322.

On a division, there were 5 votes *for* and none *against* the motion which was *carried*.

*Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his letter No. 9897, dated 7th instant, sanction be given, as a special case, to the transfer of Rs. 441-3-4, from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section I, Staff, General Supervision, same Budget, to meet the amount of acting allowance to Inspector and Sub-Inspector in consequence of the absence of Mr. J. Leask, Assistant Health Officer, on privilege leave."

No. 4323.

*Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memoranda Nos. 9883 and 9887, dated 7th instant, sanction be given, under Section 211 of the City of Bombay Municipal Act III of 1888, to suits being filed in the Court of Small Causes against (1) Captain E. H. Fenn, for the recovery of Rs. 191-0-3, on account of water rate in respect of the

No. 4324.

bungalow occupied by him at No. 1, Ridge Road, Malabar Hill, from 1st November 1882 to 22nd November 1884; and (2) Mr. Gunpatrao Pandurangjee, for the recovery of Rs. 277-10-0 on account of property rates due by him in respect of his house at No. 7, Ovalvadi in Vithulwadi Lane, from 1st half of 1883-84 to 1st half of 1888-89, both inclusive."

Read letter No. 10091, dated 11th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to Town Council's Resolution No. 2366, dated 22nd February 1888, I have the honour to report as follows:—

2. The value of the superstructure of the Municipal buildings, excluding the value of land and plinth, is, roughly speaking, about 28 lakhs of rupees.

3. To insure this in any office would require an annual payment, even at 4 annas per cent., of about Rs. 7,000.

4. Municipal buildings are rapidly increasing in number owing to the erection of new Fire Stations, Ward offices, markets and store-houses. I think we should no longer leave the question of provision for renewal undecided, as in any one year we might have to provide such a heavy sum as to derange the Budget.

5. I propose, therefore, to enter in the Budget a sum of Rs. 3,000 every year. This sum to be credited to Fire Insurance Fund to be improved at interest by investment either in Government or Municipal Debentures, and when fires occur the sums necessary to recoup the loss can be charged to this Fund instead of to the current Revenue of that year.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Resolved:* "That, with reference to the Town Council's Resolution No. 2366, dated 22nd February 1888, on the subject of the insurance of the Municipal buildings, the Standing Committee approve the proposals made by the Acting Municipal Commissioner in his No. 10091, dated 11th instant, to set aside annually Rs. 3,000, to provide against loss from fire. That the Corporation be recommended to sanction this arrangement."

No. 4325.

Considered letter No. 10152, dated 12th instant, from the Acting Municipal Commissioner, forwarding Annual Administration Report for the year 1887-88, together with Draft Review thereof.

It was agreed that the consideration of these papers be postponed till next week, and that they be placed first on List of Business for Wednesday next.*

*Resolved:* "That the Progress Reports, up to the end of June 1888, of new works now in course of construction be *recorded*."

No. 4326.

* *See* Appendix C.

Considered memorandum No. 4280, dated 15th instant, from the Municipal Secretary, forwarding, for favour of remarks by the Standing Committee, letter, dated 11th instant, from Mr. Ebrahim Valeebhoy, complaining that he is refused admission to the Assessor and Collector in respect of an appeal.

*Resolved:* "That the Corporation be informed that the Standing Committee have referred the letter from Mr. Ebrahim Valeebhoy, of the 11th instant, to the Acting Municipal Commissioner for disposal." No. 4327.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 9th September 1888.*

Reports of the A. Police Division of fires—(*a*) in a shed at New Modi Bandar, on the 1st instant : the damages are estimated at Rs. 62,477 ; (*b*) in jaoli huts at Modi Bandar, on the 4th idem : the damage done is estimated at Rs. 625 ; (*c*) in a jaoli hut close to the south fence, Victoria Dock, on the same day : damage Rs. 20.

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BOMBAY, 26*th September* 1888.

AT the Meeting of the Standing Committee of the Corporation held this day, there were present :—

COWASJEE HORMUSJEE, Esq. G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NANABHOY B. JEEJEEBHOY, Esq. ; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B. ; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

On the motion of Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., Rahimtula Mohamed Sayani, Esq., was voted to the chair.

On the question of the signing of the minutes of the meeting held on the 19th instant, it was agreed that they be varied by the addition at the end of Resolution No. 4306 of 1888-89, of the following clause after the words "existing buildings":—"also plot of land admeasuring 143 square yards and building standing thereon, being part of chawl, the property of Mr. Nesserwanji Manokji Petit, situate on the north of Bhuleshwar Road."

The minutes, as thus amended, were signed.

It was agreed by 4 votes *against* 3 that the consideration of the Annual Administration Report for the year 1887-88,

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* *See* Appendix B.

and draft Review thereof, be postponed till the departmental reports are ready.

*Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 10938, dated this day, sanction be given, under the terms of Section 90 of the City of Bombay Municipal Act III. of 1888, to the payment of compensation to Mr. S. D. Sassoon, at the rate of Rs. 7 per square yard for 24·86 square yards of ground, or thereabout, at the Ridge, Malabar Hill, taken from him for the improvement of that thoroughfare.

No. 4365.

"That sanction be also given to the payment of Rs. 203-14-10 as compensation on account of structure removed from the ground so taken up."*

Considered again letter, dated 11th instant, from Messrs. Ardesir, Hormusjee and Dinshaw, on behalf of the proprietors of the Khoorshed Manufacturing Company, objecting to the giving up of land required for the proposed road at Agripada, and asking that permission may be accorded to erect new boiler house in the position fixed on by them for the purpose.

Read memorandum No. 10692, dated 22nd instant, from the Acting Municipal Commissioner, stating that the portion of the ground referred to in the above letter is not required for street improvement.

*Resolved:* "That, in reply to their letter, dated 11th instant, Messrs. Ardesir, Hormusje and Dinshaw, on behalf of the proprietors of the Khoorshed Manufacturing Company, be informed that the portion of the ground referred to by them is not required for the formation of the proposed road at Agripada."

No. 4366.

The seal of the Corporation was affixed to deed of conveyance from Mr. Bhai Ramchandra Kolatkar, of ground, taken up for the improvement line of Parbhadevi Road, and sanction was given to the payment of Rs. 20 as compensation for a cocoanut tree standing on the ground so taken up.

No. 4367.

The seal was also affixed to deeds of conveyance—

From Mr. Gopal Hirjee, of ground taken up for the improvement line of Kamathipura Bazaar Road.

No. 4368.

* This is in addition to the payment for 243·20 square yards and Rs. 562 for compensation, sanctioned by the late Town Council, in their Resolution No. 83, dated 11th April 1888.

No. 4369. From Mr. Kassum Hadji Abdul Rahiman, of ground taken up for the improvement line of Kamathipura 2nd Street.

No. 4370. From Messrs. Temulji Pestonji Sethna, Shapurji Ruttonji Sethna, Sorabji Ruttonji Sethna, Shavakshaw Ruttonji Sethna and Dhunjibhai Ruttonji Sethna, of ground taken up for the improvement line of Chandanwadi Lane. (The Acting Executive Engineer, in his letter No. 7248, dated 24th September 1888, to the Acting Municipal Commissioner, states that 12·75 square yards of ground only were taken up in this case, being 8·50 square yards less than the area, 21·25 square yards, sanctioned by the Council, on the 11th June 1884; and that Messrs. Temulji Pestonji Sethna and others are the proper persons to receive compensation in this case, not Mr. Temulji Pestonji, in whose name sanction to the taking up of the ground was given by the Council, on the 11th June 1884.)

Considered letter No. 10015, dated 8th instant, from the Acting Municipal Commissioner, asking that the Corporation may be recommended to sanction the payment of Rs. 2,48,642, from surplus Cash Balance, to be adjusted to the debit of loan to be raised hereafter, to provide for the cost of house sullage connections in Agripada District, &c.*

Proposed by Surgeon-Major Waters, seconded by Colonel Merewether—

No. 4371. "That as applied for in the Acting Municipal Commissioner's letter No. 10015, dated 8th instant, the Corporation be recommended to sanction the following arrangements for the construction of house sullage connections in that portion of the Agripada Drainage Section which is already provided with sewers.

"That, subject to the sanction of Government to the raising of a Loan of the necessary amount, sanction be given to the making of the said connections at a total cost of Rs. 2,48,642, to the debit of loan charges.

"That of this amount Rs. 2,08,574 be debited to Loan charges and Rs. 40,068 be recovered proportionately from the owners of 212 houses now to be connected which stand in their owners' compound at a distance from the road, being the difference between the average cost of Rs. 229 per

* *See* minutes of the meeting of the Standing Committee, held on the 19th September 1888.

ordinary house and of Rs. 418 per house standing in its own compound.

"That, pending the raising of a loan, sanction be given to the payment of advances, from surplus cash balance, to be adjusted hereafter to the said loan."

On a division there were 5 votes *for* and 1 *against* the motion, which was *carried.*

On the application of the Acting Municipal Commissioner, made in his letter No. 10683, dated 21st instant, it was—

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 4372. "That sanction be given to the transfer of Rs. 1,280-14-10, from savings, (1) Rs. 430-11-2, in the grant of Rs. 30,577, for the construction of a bungalow and chawl at Chinchpokli, and (2) Rs. 850-3-8, in the allotment of Rs. 69,351, for the construction of ovoid sewer across the old Race Course, to the grant of Rs. 3,500 for the construction of latrines, urinals and nahanis at Chinchpokli Water Works chawl, to meet excess over the grant for the said chawl caused by providing for cost of laying 2″ galvanized pipes and for water service thereat."

*Carried.*

No. 4373. On the application of the Acting Municipal Commissioner, made in his letter No. 10814, dated 25th instant, sanction was given to the transfer of Rs. 700, from savings in Section I, Superior Staff, Engineer's Budget, to Section II, Office Establishment, A, Correspondence, same Budget, to meet the cost of the following establishment to be employed in the Engineer's Department for 5 months for bringing up to date and putting on a satisfactory footing the records of his office :

For 4 months—1 clerk at Rs. 75 per mensem ; 1 do. at Rs. 20 do. ; 2 do. at Rs. 15 each, do.; 2 do. at Rs. 10 do.

For 1 month—1 do. at Rs. 75 per mensem ; 1 do. at Rs. 20 do. ; 1 ditto at Rs. 15 do. ; 1 do. at Rs. 10 do.

Read the following :—

*Bombay Municipality—Water Works Department.*

List of cases for which sanction of the Standing Committee is requested to the severing of the water connections, under Section 279 of Act III. of 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. |
|---|---|---|---|---|---|---|
| B | 1084<br>1085<br>1088 | 1—11<br>1—13 | Chinch Bunder Row. | Vasanji Trikamji ... | Water is allowed to be used in Ward Nos. 1086 and 1089, which do not pay water rate, Section 279 (*d.*) (*ii.*) | 6th September 1888, 7 days' notice. |
| C | 7559 | 4-235<br>237 | Bhandari Cross Lane. | Emambai, widow of Sheik Hoosein Patel. | Water used in Ward No. 7560, Street No. 5, belonging to same owner. No water rate paid on No. 5. | 12th July 1888, and 27th July 1888. |

*Note.*—In the former case the party has taken no notice whatever of the request to prevent the removal of water.

In the second case the owner disputed the separate tenancy, but has not replied to the second letter of this office, dated 27th July last. It is a small house.

S. TOMLINSON,
Deputy Executive Engineer, Water Works.

BOMBAY, 26*th September* 1888.

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No. 10886 OF 1888-89.

Forwarded to the Standing Committee for favour of sanction.

F. L. CHARLES,
Acting Municipal Commissioner.

BOMBAY, 26*th September* 1888.

Proposed by Colonel Merewether, seconded by Surgeon Major Waters—

"That sanction be given, under Section 279 of the City of Bombay Municipal Act III of 1888, to the cutting off of water connections as per foregoing list accompanying the Acting Municipal Commissioner's memorandum No. 10886, dated this day."

*Amendment* moved by Major Selby, seconded by Cowasjee Hormusjee, Esq.—

"That Mr. Vasanji Trikamji and Emambi, widow of Sheik Hoosein Patel, be informed that the Standing Committee propose to sanction at their next meeting the cutting off of the water supply in question under Section 279 of the new Municipal Act III of 1888, but that if the two parties desire to make any representation in the matter they can do so before the next meeting of the Standing Committee."

No. 4374.

On a division the votes were *recorded* as under :—

| | *For.* | *Against.* | |
|---|---|---|---|
| Amendment ... ... ... | 7 | 2 | *Carried.* |
| Original motion ... ... | 2 | 7 | *Lost.* |

Read petition, dated 19th instant, from Casibai Gunga, Devbai Maroti, Ganput Vithoba, and other vegetable dealers, holding stalls in Crawford Markets, complaining of the increased rent (Rs. 19 per stall per quarter) charged for the stalls occupied by them in the said markets, and praying that the former rate (Rs. 16 per stall) may be reverted to.

Read also memorandum No. 10885, dated 26th instant, from the Acting Municipal Commissioner, stating that all the stall-holders were given the option of either paying the slightly enhanced rents, or vacating the stalls on the expiration of notice that they would otherwise have received.

The Acting Commissioner informed the Committee that the reason why the rents were increased was, that it was found that as they became vacant, largely increased rates were bid for them by dealers.

On the motion of Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq., it was—

*Resolved*: "That Casibai Gunga, Devbai Maroti, Gunput Vithoba and other vegetable dealers holding stalls in the Arthur Crawford Markets be informed, with reference to their petition, dated 19th instant, that the increase in the rent of their stalls is

No. 4375.

reasonable, and that the Standing Committee see no reason for interfering with the new arrangements in question."

The following were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 16th and 23rd September 1888.*

No. 4376. Read and *recorded* memorandum No. 10734, dated 24th instant, from the Acting Municipal Commissioner, forwarding the following weekly return of fires as required under Section 364 of the Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of owner. | Estimated damage. | Cause of fire. |
|---|---|---|---|---|---|
| 1888. 8th Sept. | Powder Works Bandar. | Prow laden with Kerosine oil. | ..... | Rs. 1,262 | It is believed that a brand from the fire-place fell into the bilge which contained a quantity of oil from the leakage of the cases and ignited. |

BOMBAY, *3rd October* 1888.

AT the regular meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULA MOHAMED SAYANI, Esq., M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, C.S., Esq., Acting Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 26 ultimo, were signed.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 4482. "That, with reference to the Resolution of the Standing Committee, No. 4310, dated 19th September 1888, the Corporation be recommended to sanction the payment for the cement therein referred to (at Rs. 8-11-0 per cask of 3½ cwt.) by advances from available balances to the debt of drainage stock to be adjusted, from time to time, from loan allotments, or budget grants, or sale proceeds, as the case may be."

*Carried.*

* *See* Appendix B.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

"That the Corporation be recommended to pass a Resolution authorizing the Standing Committee to sanction advances up to the 31st March next from available balances, from time to time, to meet the cost of supplies, or labour for sanctioned budget, orloan works, or sale proceeds of supplies, to be afterwards adjusted against the grant for such budget, or loan works, or sale proceeds."

No. 4483.

*Carried.*

With the consent of the meeting, the Chairman gave precedence to item 8 on the agenda paper regarding the transfer of Loan balances to current cash, to provide for the requirement of Loan works.

Read memorandum No. 11283, dated 2nd instant, from the Acting Municipal Commissioner, forwarding letter No. 1998, dated 1st idem, from the Chief Accountant, as follows, and asking sanction to pass transfers and to the grant of a general sanction to the transfer of sums not exceeding 5 lakhs monthly, from Loan Deposit Account to General Fund.

Letter No. 1998, dated 1st instant, from the Chief Accountant, to the Acting Municipal Commissioner, as follows :—

SIR,—I have the honour to state that, overlooking the provisions of section 122 (2) of the Municipal Act III. of 1888, this department requested the Secretary and Treasurer, Bank of Bombay, since the assent of the Governor-General of India was first published by the Governor of Bombay on the 14th ultimo, to transfer the following sums from the Tansa Loan Deposit Account to the Municipal General Fund, general pass book, to replace advances made from surplus cash balance on account of the Tansa Loan works :—On 14th September 1888, Rs. 50,000 ; on 25th September 1888, Rs. 50,000; on 28th September 1888, Rs. 50,000—Total Rs. 1,50,000. As under the section quoted above, the sanction of the Standing Committee was necessary to each of the above transfers, may I request the favour of your obtaining their formal sanction thereto at their next meeting ? As it is impossible to previously ascertain the amount of such transfers required during each week, so as to obtain the previous sanction of the Standing Committee thereto, as required by the Act, may I request the favour of your obtaining the general sanction of the above body to the necessary transfers being made from time to time, as required, from such of the loan funds as may be found available to the extent of, say, three or five lakhs in each month, the orders for the transfers to be made each time, to the extent of from Rs. 50,000 to Rs. 100,000, under the signatures of yourself, one member of the

Standing Committee, and the Municipal Secretary, as required by the section quoted above.

If the Standing Committee do not feel inclined to accord their general sanction as applied for by me, payments will have sometimes to be delayed until the previous sanction of the Committee is obtained to the transfers that may be found necessary or sanctions for more than one requirements will have to be obtained weekly, fortnightly or monthly, as may be approved by the Standing Committee.—I have, &c., SORABJI NAVROJI COOPER, Chief Accountant.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 4484. "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 11283, dated 2nd instant, sanction be given, under section 122 (2) of the City of Bombay Municipal Act III. of 1888, to the transfer of the following sums, from the Tansa Loan Deposit Account, to the Municipal General Fund, to replace advances made from Surplus Cash Balance on account of the Tansa Loan Works.

"Rs. 50,000, made on the 14th September 1888; Rs. 50,000, do. 25th do.; Rs. 50,000, do 28th do.

"That sanction be given to the necessary transfers being made, from time to time, as required from such of the loan funds as may be found available, to the extent of 5 lakhs of rupees in each month. The orders for the transfer to be made (each time to the extent of from Rs. 50,000 to Rs. 1,00,000) under the signatures of the Municipal Commissioner, one member of the Standing Committee, and the Municipal Secretary, as required by the section above. Each transfer so made to be reported at the next meeting of the Standing Committee."

*Carried.*

The consideration of letter No. 11176, dated 1st instant, from the Acting Municipal Commissioner, to the Standing Committee (on the subject of the investment of the Building Fund and part of the Sanitary Works Loan) which had been circulated to members, was postponed till next week.

No. 4485. *Resolved*: "That, as verbally applied for by the Acting Commissioner, sanction be given to the following arrangement with the Bank of Bengal regarding the investment of funds belonging to Tansa Water Works loan account: the Bank to sell to the Municipality Rs. 8,00,000, of 4 per cent. Government

paper at 99¾ per cent. for delivery to-morrow (Thursday), and the Bank to repurchase the same amount at the same rate for delivery as follows :—

"Rs. 3,00,000 on 5th January next; Rs. 3,00,000 on 5th February next; Rs. 2,00,000 on 5th March next.

"The interest on the paper whilst in the possession of the Corporation to be drawn by the Corporation and the transaction to be free of brokerage."

No. 4486. Read and *recorded* memorandum No. 10803, dated 25th September 1888, from the Acting Municipal Commissioner, forwarding memorandum No. 10802, dated 24th idem, from himself to the Chief Accountant, as follows :—

The attention of Mr. Sorabji is requested to Section 66, Clause (4) of the new Act III. of 1888, and he is requested in future correspondence to adopt the title of Chief Accountant.—F. L. CHARLES, Acting Municipal Commissioner.

The consideration of the following, which has been referred to the Acting Municipal Commissioner for remarks, was postponed :—

Letter, dated 27th September 1888, from Bawa Gungaram Kruparam, objecting to the rate of Rs. 35 per square yard, fixed by the Town Council in their Resolution No. 1550, dated 7th June 1888, for the 57·62 square yards, or thereabout, of ground taken from him for the improvement of Dariasthan Road, and asking that Rs. 83 per yard may be paid for the land in question.

Considered memorandum No. 4377, dated 26th September 1888, from the Municipal Secretary, forwarding for favour of remarks by the Standing Committee, petition to the Corporation, dated 26th August 1888, from Messrs. Bahadurmull Soorana, Gokuldas K. Parukh, and other inhabitants of Bhuleshwar, objecting to the removal of a portion of the chawl thereat, the property of Mr. Nesserwanji Maneckji Petit, for the purpose of the extension of Bhuleshwar Market and widening of the roadway.

Read memorandum No. 11137, dated 29th September 1888, from the Acting Municipal Commissioner, stating that the building referred to is the one, part of which is required for the improvement of Kalbadevi and Bhuleshwar roads. The Standing Committee has authorized application being made to Government for its acquisition under the Land

Acquisition Act. No special reasons have been set forth for the project being abandoned.

No. 4488. *Resolved:* "That the Standing Committee beg to recommend that the petitioners be informed by the Corporation that the building referred to is the one, part of which is required for the improvement of Kalbadevi and Bhuleshwar Roads, and that the Acting Municipal Commissioner has already been authorized to apply to Government for the acquisition, under the Land Acquisition Act, of the land and building standing thereon, for the widening of roadway thereat."

No. 4489. On the application of the Acting Municipal Commissioner, made in his memorandum No. 11177, dated 1st instant, sanction was given to the payment of Rs. 258-0-6, to provide for the cost of former repairs to the Municipal bungalow at Clare Road, formerly occupied by Mr. Anderson, K.L.S., and now sold by auction. The cost to be debited to the Ripon Road allotment.

On the recommendation of the Acting Municipal Commissioner, made in his memorandum No. 11178, dated 1st instant, it was—

No. 4490. *Resolved:* "That the rate of compensation fixed by the Town Council, in their Resolution No. 1778, dated 23rd February 1887, for the 5·49 square yards of ground taken from Goolbai, wife of Mr. Manockjee Aderjee, for the improvement of Girgam Back Road, be increased from Rs. 10 to Rs. 15 per yard."

The seal of the Corporation was affixed to deeds of conveyance—

No. 4491. From Mr. S. D. Sassoon, of ground taken up for the improvement line of Ridge Road, Malabar Hill.

No. 4492. From Hadji Rahimtula Hadji Jusub, of ground taken up for the improvement line of Don Tad 2nd Row. (The Acting Executive Engineer, in his letter No. 7549B, dated 2nd October 1888, to the Acting Municipal Commissioner, states that 14·68 square yards of ground only were taken up in this case, being 1·76 yards less than the area, 16·44 yards, sanctioned by the Town Council, in their Resolution No. 1001, dated 8th October 1884.)

No. 4493. From Messrs. Abdul Latiff Hadji Jan Mahomed and Abdul Guffoor bin Hadji Jan Mahomed, of ground taken up for the improvement line of Mutton Street. (The Acting Executive Engineer, in his letter No. 7550B, dated 2nd October 1888, to the Acting Municipal Commissioner, states that Messrs. Abdul Latiff Hadji Jan Mahomed and another are the proper persons to receive compensation in this case, not Messrs. Abdul Guffoor and Hadji Abdul Latiff, in whose names sanction to the taking up of the ground was given by the Town Council, in their Resolution No. 1416, dated 26th October 1887.)

No. 4494. From Messrs. Mahomedali Nurbhai, Lukmanji Nurbhai and Abdulali Nurbhai, of ground taken up for the improvement line of Abdul Rahman Street. (The Acting Executive Engineer, in his letter No. 7551B, dated 2nd October 1888, to the Acting Municipal Commissioner, states that 17·25 square yards of ground only were taken up in this case, being 1·22 square yards less than the area, 18·47 square yards, sanctioned by the Council, on the 4th January 1888; and that Messrs. Mahomedali Nurbhai and others are the proper persons to receive compensation in this case, not Mr. Mahomedali Nurbhai, in whose name sanction to the taking up of the ground was given by the Council, on the 4th January 1888.)

No. 4495. From Hadji Rahimtula Suliman and Hadji Musa Suliman, of ground taken up for the improvement line of Naron Dhuru Street and Bibijan Street. (The Acting Executive Engineer, in his letter No. 7552B, dated 2nd October 1888, to the Acting Municipal Commissioner, states that 59·67 square yards of ground only were taken up in this case, being 30·39 square yards less than the area, 90·06 square yards, sanctioned by the Council, on 4th August 1887; and that Hadji Rahimtula Suliman and Hadji Musa Suliman are the proper persons to receive compensation in this case, not Hadji Rahimtula Suliman, in whose name sanction to the taking up of the ground was given by the Council, on the 4th August 1887.)

No. 4496. Read and *recorded* memorandum No. 11179, dated 1st instant, from the Acting Municipal Commissioner, reporting that, under Section 69 (*d*) of

the Municipal Act III of 1888, he authorized the following purchase :—

| Supply. | Name of Supplier. | By whom purchased. | For what purpose required. | When. | Amount. |
|---|---|---|---|---|---|
| 60 Chairs at Rs. 13 each. | Messrs. John Roberts & Co. | The Municipal Secretary. | For Corporation Hall. | Aug. 1888. | Rs. a. p. 780 0 0 |

No. 4497. *Resolved:* " That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 10939, dated 26th ultimo, sanction be given to the expenditure of Rs. 165-6-0, to provide for the cost of putting up rustic railings on the top of the Storage Reservoir at Malabar Hill. The cost to be debited to the savings in the amount sanctioned by the Town Council for extra works in connection with the Reservoir.

No. 4498. On the application of the Acting Municipal Commissioner, made in his memorandum No. 10884, dated 26th ultimo, sanction was given to the transfer of Rs. 330, from savings in Section II, Labour, B, Drain and Gully cleaning, Conservancy Branch, Health Department Budget, to section IV, Repairs (Scavengering and Drain-cleaning carts), same head, same Budget, to meet the cost of repairs to 3 drain carts and 10 dust-bin carts at Rs. 2-8-0 and Rs. 2 per cart per month, respectively, during the current year.

No. 4499. On the recommendation of the Acting Municipal Commissioner, made in his memorandum No. 10766, dated 24th ultimo, sanction was given to the payment of Rs. 19-14-1, to Rewoobai, widow of Darkoo Hybutrao, on producing a joint receipt signed by herself and Nana Darkoo, son of the deceased, being the amount of arrears of pension due to Darkoo Hybutrao, late Havildar of the Engineer's Department, from the 24th June to 28th September 1880. The charge to be debited to the Budget grant for pension, gratuities and compassionate allowance, for the current year.

No. 4500. *Resolved*: " That the following be *recorded* :—Memorandum No. 10940, dated 26th September 1888, forwarding for information, with reference to the Town Council's Resolution No. 2349, dated 22nd February 1888, copy of judgment in the suit filed by

Mr. Hemchund Premchand against the Municipality for restraining him from pulling down his house in Mirza Street."

*Ordered:* "That the following be laid on the table :—

No. 4501. Letter, dated 24th ultimo, from Messrs. Ardeseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for August last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Read letter No. 11125, dated 29th September 1888, from the Acting Municipal Commissioner, drawing attention of the Standing Committee to the Resolution of the Town Council, No. 3896, dated 22nd August 1888, as follows, with a view to a decision being arrived at in the matter :—

*Resolution of Town Council*—"That the Corporation be informed that the Town Council propose to defer the consideration of the question of the proposed transfer of the zoological collection in the Victoria Gardens to the Natural History Society, until the new Municipal Bill becomes law."

On the motion of Major Selby, seconded by Cowasjee Hormusjee, Esq, it was—

*Resolved:* "That the Municipal Secretary be requested to

No. 4502. write to the Honorary Secretary to the Natural History Society and inform him that unless the Society are prepared to give more definite information than that contained in their Secretary's letter of the 10th August last, the Standing Committee will be unable to carry out the order of the Corporation, or make any recommendation in the matter."

*Resolved* : "That the following be referred to the Acting

No. 4503. Municipal Commissioner for favor of remarks:—Memorandum No. 4386, dated 29th September 1888, from the Municipal Secretary, forwarding, for favour of remarks by the Standing Committee, letter to the Corporation, dated 29th September 1888, from Mr. N. H. Gheesta, asking favourable consideration for correspondence relating to the severance of water connection from his house at Nos. 180—190, Parel Road, Ryculla, by which he alleges that the five shops on the ground-floor of the said house are left vacant, and he has been put to the loss of Rs. 75 per month in consequence."

In accordance with notice of motion it was—

Proposed by Major H. O. Selby—

No. 4504. "That the Acting Municipal Commissioner be requested to furnish a return given in the following form :—

Statement showing the details of fires that happened from 1st September 1887 to 31st August 1888, showing against each the details of the compensation for clothing and buggy hire paid to the Police out of the Municipal Fund.

| Details of Fires. | | | Details of compensation for clothing and buggy hire paid to police in respect of each fire. | | | | Remarks. |
|---|---|---|---|---|---|---|---|
| Month. | Day. | Estimated damage done by the fire. | No. of policemen who received compensation for clothing. | Amount paid | No. of Police men who received buggy hire. | Amount of buggy hire paid. | |
| | | Rs. | | Rs. | | Rs. | |

Seconded by the Chairman and *carried.*

With reference to the application made by the Acting Municipal Commissioner, in his memorandum No. 10886, dated 26th ultimo, at last week's meeting for the severing of two water connections, the Municipal Secretary read the following letter, No. 756, dated 2nd instant, to himself from Messrs. Payne, Gilbert and Sayani :—

SIR,—Our client, Mr. Vussonjee Tricumjee, has placed in our hands your letter No. 4363 of 1888-89, dated 26th day of September last, informing him that an application has been made for cutting off of the water connection to his property, ward B, No. 1084, 1085, 1088, 1—11 and 1—13, Chinch Bunder Row, on the ground that water is allowed to be used in ward Nos. 1086 and 1089 which do not pay water rate. Our client says he is ready and willing to pay water rates for the said ward Nos. 1086—1089. Our client further says that the Municipal Commissioner's letter remained unreplied to owing to a mistake on the part of our client's servant, for which our client is sorry. Our client lastly says that he is much obliged to the Standing Committee for sending him the letter under reply before directing the water to be cut off.—Yours truly, PAYNE, GILBERT & SAYANI.

The Municipal Secretary reported that no reply had been received to his letter No. 4636, to Emambai, widow of Sheik Hussein Patel, and it was now agreed that sanction be given to the cutting off of water connection to her

property, ward No. 7559, street No. 4-235-237, Bhandary Cross Lane.

The consideration of application now made by the Acting Municipal Commissioner, for the cutting off of connection from the premises of Messrs. Vana Anna, Sayad Mohedeen Saheb & Co., Dharavi, was postponed, and the Secretary was directed to inform them (by registered letter) that the Standing Committee propose to sanction at their next meeting the cutting off of the water supply in question, under section 279 of the new Municipal Act, but that if Messrs. Vana Anna & Co. desire to make any representation in the matter they can do so before the next meeting of the Committee.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 30th September 1888.*

It was agreed that the draft review of the Administration Report for 1887-88 be placed first on the agenda paper for next meeting.

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BOMBAY, 10*th October* 1888.

AT the Meeting of the Standing Committee of the Corporation held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHAI B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; The HON'BLE MR. RAHIMTULA MOHOMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 3rd instant, were signed.

The consideration of the Administration Report of the Commissioner, for the year 1887-88, and the Draft Review thereof, was proceeded with :—

The draft was read and considered para. by para. and agreed to, as follows :—

## REVIEW BY THE STANDING COMMITTEE OF THE ADMINISTRATION REPORT OF THE MUNICIPAL COMMISSIONER FOR THE YEAR 1887-88.

SIXTY meetings of the Corporation were held, and twenty more were convened, but not held for want of a quorum.

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* *See* Appendix B.

Besides these, fifty-seven Committee meetings were held, and nine others were convened, but not held for want of a quorum. Of those held, forty-two were of the Committee and the Sub-Committees of the whole Corporation regarding the new Municipal Bill (now Bombay Act III. of 1888). Nine other meetings of the Committee were called, but not held for want of a quorum. During the same period the Town Council (now Standing Committee) held fifty-three meetings. There were also seven Sub-Committee meetings, and seventy-five attendances for cheque signing and the audit of the Weekly Statement of Accounts.

2. On April 5th, 1887, the Corporation re-elected Captain—now Sir Henry—Morland as its Chairman, and in accordance with the terms of Government letter No. 3314, Political Department, dated 20th May following, the duty of conveying to England the Address from the Municipality on behalf of the inhabitants of the City, to Her Imperial Majesty the Queen-Empress on the celebration of the Jubilee of her reign, was entrusted to Captain Morland, who was also Chairman of the Jubilee Executive Committee. Under instructions received from the Department of the Secretary of State for India, Captain Morland proceeded to Windsor Castle on 30th June on the occasion of the reception by Her Imperial Majesty of the Princes and Deputations from India. Mr. H. W. Barrow, the Clerk to the Corporation, also attended at the presentation, in accordance with the official programme issued for the ceremony. Her Majesty, who was graciously pleased to accept the Address and to express her satisfaction with the casket containing the document, in the course of her reply stated, "I have watched with pleasure the progress of the great city of Bombay and its advance, not only in material prosperity, but also in education and in matters tending to the improved health and comfort of the people." Thereupon Her Majesty was pleased to confer the honor of knighthood on Captain Morland.

3. The Municipal Bill was received from Government on the 31st May for remarks, and on 14th July was referred to the Committee of the whole Corporation, who on the 15th October, presented their report, which after discussion was agreed to by the Corporation on the 25th of the same month. The Bill, after amendment by the Legislative Council, was returned to the Corporation by Government on 13th

January last, and on the 2nd March the report thereon of the Committee was adopted by the Corporation.*

4. In reference to the services of the Municipal officers, Mr. Charles, the Acting Municipal Commissioner, takes the opportunity of placing on record his appreciation of the very hard work done by the heads of departments ; and the Standing Committee readily bear testimony to the justness of Mr. Charles' remarks on this point.

5. On this, the first occasion of the Standing Committee's presenting a "Review" of the Administration Report of the Municipality for the previous year, under the provisions of Section 124 of Bombay Act III. of 1888, the Committee have the satisfaction of being able to congratulate the Corporation on the sound and encouraging condition of its finances. The opening balance, including advances recoverable, &c., was Rs. 20,58,937-14-8, whilst the revenue credited from all sources, was Rs. 51,66,529-10-11, or, total available for expenditure, Rs. 72,25,467-9-7. The amount actually spent was Rs. 58,12,690-4-10, or Rs. 14,12,777-4-9 less than total receipts including balances. The opening balance was greater by Rs. 15,58,937-14-8 than the Budget Estimate. Of this balance, Rs. 5,00,000 were appropriated in the Budget for 1887-88, and Rs. 11,42,824-7-2 represent the unexpended balance of lapsed grants of 1886-87 renewed in 1887-88. Under the heads of Toll Fees and Miscellaneous there was a small falling off of Rs. 3,253-5-5; but under the other heads the receipts were better than the Estimate by Rs. 7,12,733-0-4.

6. The main heads of Revenue and Expenditure for 1887-88, as compared with the Budget Estimates, and the actuals for the previous years, are shown in the following tables:—

* The Bill has now been passed into law, and came into effect on the 14th September 1888 as Bombay Act III. of 1888.

# REVENUE.

| Items. | Actuals for 1886-87. | Estimate for 1887-88. | Actuals for 1887-88. | Actuals for 1887-88 as compared with actuals for 1886-87. | | Actuals for 1887-88 as compared with estimate for 1887-88. | |
|---|---|---|---|---|---|---|---|
| | | | | More. | Less. | More. | Less. |
| | Rs. a. p. | Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Consolidated Rate ... ... ... | 14,88,867 5 0* | 13,51,000† | 14,07,013 6 4‡ | ..... | 81,853 14 8 | 56,013 6 4 | ..... |
| Wheel-tax ... ... ... ... | 3,03,804 11 3 | 3,03,000 | 3,22,659 0 7 | 18,854 5 4 | ..... | 19,659 0 7 | ..... |
| Toll Fees ... ... ... ... | 15,756 8 0 | 15,800 | 14,333 8 0 | ..... | 1,423 0 0 | ..... | 1,466 8 0 |
| Liquor Licenses ... ... ... | 1,43,750 0 0 | 1,43,750 | 1,43,750 0 0 | ..... | ..... | ..... | ..... |
| Tobacco Duty Licenses ... ... | 1,90,249 10 2 | 1,71,000 | 1,84,168 4 8 | ..... | 6,081 5 6 | 13,168 4 8 | ..... |
| Land Conveyance Licenses ... | 3,942 11 11 | 3,200 | 4,049 12 9 | 107 0 10 | ..... | 849 12 9 | ..... |
| Town Duties ... ... ... | 10,12,152 6 0 | 8,70,000 | 9,96,750 4 9 | ..... | 15,402 1 3 | 1,26,750 4 9 | ..... |
| Halalkhor Cess ... ... ... | 3,18,630 6 11 | 3,53,000 | 3,72,257 11 0 | 53,627 4 1 | ..... | 19,257 11 0 | ..... |
| Market Receipts ... ... ... | 2,72,915 10 11 | 2,64,500 | 2,88,690 1 0 | 15,774 6 1 | ..... | 24,190 1 0 | ..... |
| Miscellaneous Fees ... ... ... | 89,862 9 4 | 75,100 | 90,068 7 9 | 205 14 5 | ..... | 14,968 7 9 | ..... |
| Miscellaneous Receipts ... ... | 98,885 7 10 | 79,400 | 98,788 0 5 | ..... | 97 7 5 | 19,388 0 5 | ..... |
| Water Rate ... ... ... ... | 7,74,651 4 6 | 7,37,300 | 8,83,724 6 3 | 1,09,073 1 9 | ..... | 1,46,424 6 3 | ..... |
| Miscellaneous ... ... ... | 1,88,346 0 0 | 90,000 | 3,60,276 11 5 | 1,71,930 11 5 | ..... | 2,72,063 8 10 | 1,786 13 5 |
| Total ...Rs. | 49,01,814 11 10 | 44,57,050 | 51,66,529 10 11 | 3,69,572 11 11<br>1,04,857 12 10 | 1,04,857 12 10 | 7,12,733 0 4<br>3,253 5 5 | 3,253 5 5 |
| | | | | 2,64,714 15 1 | | 7,09,479 10 11 | |

* At 8¾ %. † At 8 %.

# EXPENDITURE.

| | Actuals for 1886-87. | Estimate for 1887-88. | Actuals for 1887-88. | Actuals for 1887-88 compared with the actuals for 1886-87. | | Actuals for 1887-88 compared with the estimate for 1887-88. | |
|---|---|---|---|---|---|---|---|
| | | | | More. | Less. | More. | Less. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | Rs. a. p. |
| General Superintendence ..... | 1,73,090 1 8 | 1,78,806 13 10 | 1,70,945 3 9 | ..... | 2,144 13 11 | ... | 7,861 10 1 |
| Assessment and Collection Department. | 2,17,133 3 8 | 2,16,827 13 9 | 2,12,137 13 2 | ..... | 4,995 6 6 | ... | 4,690 0 7 |
| Police and Fire Brigade ..... | 3,32,818 0 10 | 3,72,835 9 7 | 3,31,018 4 11 | ..... | 1,799 11 11 | ... | 41,817 4 8 |
| Public Health Department ..... | 10,10,118 7 5 | 11,37,839 14 2 | 10,75,735 5 2 | 65,616 13 9 | ..... | ... | 62,104 9 0 |
| Public Works, Ordinary ..... | 11,14,201 3 9 | 14,57,652 3 4 | 12,25,240 0 1 | 1,11,038 12 4 | ..... | ... | 2,32,412 3 3 |
| New Works ..... | 1,25,222 4 1 | 2,64,104 11 3 | 97,107 11 10 | ..... | 28,114 8 3 | ... | 1,66,996 15 5 |
| Public Gardens ..... | 38,325 15 6 | 45,231 13 1 | 42,123 2 3 | 3,797 2 9 | ..... | ... | 3,108 10 10 |
| Municipal Debt ..... | 8,93,553 1 1 | 24,07,738 7 4 | 23,27,681 1 8 | 14,34,128 0 7 | ..... | ... | 80,057 5 8 |
| Pensions, Gratuities, and Compassionate Allowances ..... | 19,132 9 1 | 30,686 7 5 | 30,530 11 6 | 11,398 2 5 | ..... | ... | 155 11 11 |
| Education ..... | 32,604 0 1 | 1,35,778 15 8 | 1,34,714 12 11 | 1,02,110 12 10 | ..... | ... | 1,064 2 9 |
| Hospitals and Dispensaries ..... | 48,386 7 4 | 45,108 0 0 | 40,753 1 0 | ..... | 7,633 6 4 | ... | 4,354 15 0 |
| Miscellaneous ..... | 1,71,776 10 1 | 1,59,577 9 9 | 1,24,703 0 7 | ..... | 47,073 9 6 | ... | 34,874 9 2 |
| Total... Rs. | 41,76,362 0 7 | 64,52,188 7 2 | 58,12,690 4 10 | 17,28,089 12 8 | 91,761 8 5 | ... | 6,39,498 2 4 |
| | | | | 91,761 8 5 | | | |
| | | | | 16,36,328 4 3 | | | |

7. The largest increases in the Actuals, as compared with the Estimates, it will be observed, were from Miscellaneous, Water Rate, Town Duties, and the Consolidated Rate, respectively, although the actual receipts from Town Duties were less than in the previous year by Rs. 97,255-15-11. In 1886-87, the actuals from the Consolidated Rate were Rs. 14,88,867-5, whilst for 1887-88 they were less by Rs. 81,853-14-8, due to the fact that the levy was only 8 per cent. last year as against $8\frac{3}{4}$ in the previous year. The loss was, however, less than $\frac{3}{4}$ per cent. on the whole assessment, inasmuch as owing to the rise in rents, and correction of under-assessments (Rs. 3,78,827), the erection of new buildings (Rs. 4,96,187), and enlargement of houses (Rs. 2,90,102), the total increase in valuation was Rs. 11,65,116. The falling off in Town Duties, compared with the previous year, of Rs. 15,402-1-3, was owing to the heavy refunds of the duty on kerosine oil and the smallness of the import of the oil last year. The increase in the return from Halalkhor Cess arose from the improved assessment of old buildings and the erection of new ones. Of the other increases, Rs. 1,78,831-3-4, included under the head of "miscellaneous," was from the sale of frontages on the Ripon Road, whilst the enhanced return from Water Rate was chiefly the result of the more extended employment of meters. Municipal meters let out on hire and repaired by the Water Works Department are found to be more convenient to the public, and are quickly superseding private meters. The sale of land frontages was, of course, an unusual source of revenue; but, taking that into account, and notwithstanding the reduction in the Consolidated Rate, the increase in normal revenue exceeded that of the previous year by Rs. 85,883-11-9.

8. It will be seen that on the expenditure side of the accounts for last year, the decrease of Rs. 6,39,498-2-4 in the actuals, compared with the estimates, was principally on account of public works ordinary, and new works, the payments on account of debts, saving in expenditure in the Health Department and the payments on account of the Police and Fire Brigade. As compared with the previous year, there was an increase in the charges for the Health Department, principally due to the extension of the Halalkhor service to the Port Trust section of B Ward, and to various spinning and weaving mills; to the taking over of the work of cleansing certain roads on the Port Trust Estate and to

repairs to buildings. But as noticed in para. 31, with this increase, there was a large increase in the income from the Health Department. Taking the actual expenditure of last year against that of the previous year, the net decrease was Rs. 91,761-8-5 only, as the increase of debt charges was Rs. 14,34,128-0-7, the cost of road repairs, improvements of streets, repairing and lighting the roads of Port Trust wharfs, &c., Rs. 1,11,038-12-4, education Rs. 1,02,110-12-10, and certain other increases. The large enhancement of the contribution towards education was chiefly on account of the grant of Rs. 80,000 to the Victoria Jubilee Technical Institute in honor of the celebration of the Jubilee of Her Imperial Majesty's reign. The increase of debt charges was owing to the repayment of a portion of the 44 lakhs Sanitary Works Loan, increased interest payable on the Tansa Water Works Loan, and other loans, and the discount of Rs. 2,53,220 on the raising of the Sanitary Works Loan, which last charge, instead of being debited to the loan, was adjusted against the current revenue of last year. Deducting the increased loan charges, and those for education, the enhanced amount of ordinary and recurring expenditure was Rs. 1,22,200-3-8, against the increase in normal revenue of Rs. 85,883-11-9 mentioned in para. 5. The grants which lapsed owing to incompletion of works, or undischarged liabilities, amounted to Rs. 6,39,498-2-4, of which Rs. 1,13,557-2-8 returned to Cash Balance. The balance of Rs. 5,25,940-15-8 has already been renewed by the Corporation for the completion of sanctioned works and the payment of liabilities incurred during the past year. The actual closing balance was Rs. 8,38,658-1-9, which was better than the estimate of the opening balance in the Budget for 1888-89 by Rs. 2,95,658-1-9.

9. Para. 20 of the Report gives the assets of the Corporation as being Rs. 3,59,99,225. Of these, Rs. 81,38,471 are investments, loan funds and building fund; advances and sums due to contractors, Rs. 2,10,327; land and buildings, including Tulsi, Vehar and Tansa Water Works, Rs. 2,10,74,198; roads, bridges and other improvement works Rs. 49,82,675; and Stock, Rs. 15,93,554. The total liabilities amount to Rs. 2,27,58,717, so that, accepting the figures given by Mr. Charles, the value of the assets over the liabilities is Rs. 1,32,40,508.

10. At the close of the year, the amount of liability on account of the various Loans raised from the public

and from Government, exclusive of future annual interest, was Rs. 2,03,82,588-6-9. The Market and House Rate Loan of 1867 and 1868, for Rs. 17,38,000 does not appear in this estimate, as the Sinking Fund for the same was fully invested some years ago, and this year the whole of the balance of the principal and interest will be paid off.

11. The statement of Loans raised and to be raised during 1888-89, and the premia received and to be received, shows that the net profit, as compared with par rate, will be Rs. 2,50,227-8-0 ; and even in the year under report, there was a clear profit of Rs. 9,187-8-0 after deducting cost of stamps and other charges. These profits were, and will be, due to the high premia received from investors ; and the Standing Committee may here observe, that they have under consideration a proposal made by the Acting Municipal Commissioner as to the final mode of appropriating these profits.

12. The contrasted statement contained in para. 24 of the revenue expenditure and balances for the five years 1883-84, 1887-88, shows a steady increase throughout. Whilst in the first year the revenue was Rs. 37,37,272, in 1887-88 it was Rs. 51,66,530 (including a nominal income of nearly Rs. 83,000 for water consumed for Municipal purposes). In 1883 the expenditure was Rs. 37,15,812, and last year it was Rs. 58,12,690. While comparing these two last items, it should be borne in mind that in 1883-84, the charge for Loans was but Rs. 9,00,233, whereas last year the amount was Rs. 13,59,609.

13. The Standing Committee notice with pleasure that the attention of the Municipal Commissioner drawn by the Town Council in their review last year to the existence of the unusually large outstandings on account of private and departmental works executed by the Engineer's Department and the Municipal Workshops, has resulted in the reduction of such outstandings from Rs. 2,17,535-0-5 to Rs. 96,096-6-2. Satisfactory as this reduction is, the Committee hope to see the balance of this large outstanding reduced in course of the current year.

14. The Standing Committee note with regret that the Chief Accountant has been unable to include in the Municipal books property of the value of Rs. 45,37,835-11-11 as per Engineer's statements, as also that since acquired at a cost of upwards of Rs. 2,60,000, for the reason that all the lists of pro-

perty revised by the Assistant Engineer and forwarded to heads of departments in September 1887 for verification have not yet been received into the Chief Accountant's office properly verified. The Committee have called the attention of the Acting Municipal Commissioner to the expediency of having the lists of property duly verified and forwarded to the Chief Accountant to admit of these large assets being entered on the Municipal books.

15. The Standing Committee are glad to find that the abolition of the Iron Foundry since 1st September last on account of the annual losses incurred in connection therewith, amounting in the aggregate to Rs. 30,000 in the course of six years, has saved the Municipality from further losses during the year and that the net result of the work done during the year by the Municipal Workshops has been a profit of Rs.13,416-5-10. The Committee notice that the outstandings of the Workshops still stood at the large figure of Rs. 22,477-7-4 on 31st March 1888, though it is a reduction from Rs. 35,939-13-2 at the close of 1886-87. Of this large sum, Rs. 6,988-4-6 represents an unadjusted account for work done from 1881 to 1886-87. Rs. 11,553-1-9 for work during the past year, and the balance for incomplete works. The Standing Committee have drawn the attention of the Acting Municipal Commissioner to the desirability of getting these items adjusted as far as possible in course of the current year. They have also caused the attention of the Superintendent of Workshops to be drawn to the shop and supervision charges, which were 22·4 and 10·9 per cent. respectively during last year, against 14·6 and 6·6 respectively in 1886-87.

16. To prevent any delay in the closing of Municipal accounts arising from want of punctuality in the submission of monthly voucher statements, and from the necessity of applying for proper sanctions for unauthorized expenditure, the Committee notice with pleasure the directions given by the Acting Municipal Commissioner that he will hold pecuniarily responsible the officer incurring such excesses without previous sanction.

17. With regard to the division between works chargeable to capital and revenue, respectively, the Corporation decided—(A) to charge to current revenue, (1) repairs, renewals and replacements or maintenance of works already completed as also the interest on Loans ;

(2) new works costing not more than Rs. 10,000 each up to a limit of Rs. 1,00,000 per annum, as the total of such works in any one year; and (B) to charge to Loan works, all new works costing over Rs. 10,000, not being renewals or replacements of existing works. This is a very important alteration, and one that obviously should have been made in order to allow of the equitable adjustment of the burden of taxation between the present and future generations.

18. Eight hundred and forty-three properties were added to the Assessment Book, which at the end of the year included a total of 49,313, whilst the valuation was increased by Rs. 11,65,116, showing a total of Rs. 2,27,92,346, as mentioned in para. 7 above. The total demand for Property Rates for the year was Rs. 26,84,899-4-7. The outstanding balance to be collected was Rs. 1,22,733; but at the present moment this has been reduced to about Rs. 30,000. During the year there were only 18 appeals to the Chief Presidency Magistrate against assessments of which 8 were allowed, 2 dismissed and 8 were settled by consent. In the same period the refunds of Town Duties were Rs. 10,94,464-10. The net revenue is given in para. 6 above.

19. The Report of the Auditors is, as usual, carefully prepared and contains a mass of statistical information. Like all other branches of Municipal administration, the work of the Auditors constantly increases, and last year the number of vouchers examined by them was 49,251—a larger number than in any previous year. In recording their approval of the work done by the Auditors in the past, the Standing Committee would remind the Corporation that under Section 137 of the new Municipal Act, it is provided that the Auditors "shall "forthwith report to the Committee any material impropriety "or irregularity which they may at any time observe in the "expenditure or in the recovery of moneys due * * or in "the Municipal accounts."

The Standing Committee have invited the attention of the Acting Municipal Commissioner to the points referred to by the Municipal Auditors in paras. 116-119 of their Report. They think it desirable that the present system under which heads of Departments first incur expenditure very often in excess of Budget grant and then apply to the Standing Committee or the Corporation as the

case may be for a transfer or additional grant to meet such excess should be done away with. The Committee desire that all applications for transfers or extra grant be first submitted to them by all heads of departments before incurring any such expenditure.

20. The Commissioner's Report deals with the question of public works at some length, and principally in relation to the progress made with the Tansa Water Works. The contractors for the construction of the Duct line, Messrs. Walsh, Lovett & Co., were not successful with their operations for the tunnels, as only 1,750 lineal feet of tunnelling was completed. The Acting Commissioner expresses the opinion that this unsatisfactory rate of progress cannot be taken as the measure of the future progress. Fair advance was made with the Duct generally, though the work has not advanced so far as to come up to the estimate of the proper outturn. One of the partners, Mr. Lovett, came out from England, and by various changes and improvements in organization, the firm manifested a sincere desire to carry out the work efficiently ; and although at the outset, time was undoubtedly lost owing to faulty arrangements, Mr. Charles expects that there will be a decidedly better amount of work done during the ensuing season. A large quantity of excavation was done for the Duct, and at different spots the masonry was in progress. One set of compressed air machinery was working at one of the tunnels, and four more were being put up, so that this season there will be five sets at work. Good progress was made with the earthwork on the siphon sections, and it is expected that the bridges over the Bassein Creek will be completed by March 1890. The contractors for the Dam, Messrs. Glover & Co., pushed on with their work, and by the end of the last working season, had put in 21,33,683 cubic feet of masonry. In some places the excavations for the foundations had to be carried to a much greater depth than was estimated on the information afforded by the trial pits, the levels of sound rock, sufficiently free from faults or fissures, being most capricious and irregular. Twenty thousand tons of water mains were delivered on the works, and a portion of the 27-inch distributing main for Arthur Road was supplied. Satisfactory progress was made for the acquisition of the land required, but as the Island of Bombay was approached, some of the owners demanded such high rates that the

Executive Engineer for the works believes that the amount provided in the estimate for land compensation will not be sufficient. The rainfall at Tansa was 106·28 inches against the average of 109·99 for the last three years. The Municipal staff suffered severely from sickness, the district through which the works extend being undoubtedly feverish and unhealthy.

21. The rainfall at Vehar and Tulsi was unusually heavy, and the water overflowed the waste weirs of both lakes. At Vehar the puddle trench in the waste weir was replaced by concrete. The re-pitching of dam No. 2, and the extension of the puddle trench were commenced at the close of the year, but the works are not described in this Report, although from para. 48 it appears that the leakage which rendered these repairs necessary was computed thus: from the waste weir, 1,250,000 gallons; dam ditto, 200,000; total daily loss 1,450,000 gallons. The filter beds at Vehar worked satisfactorily, but will probably have to be enlarged, as they are only capable of dealing with about one-quarter of the water supplied direct to the northern part of the Island of Bombay. Some account is given in para. 53 of the works in connection with the roofing of Malabar Hill Reservoir.

22. Over twelve miles of new water mains were laid, the most important of which was an 18″ pipe from the 48″ outlet main from the Bhandarwada Reservoir to Frere Road, through which either Vehar or Tulsi water can be supplied to the Docks. Pending the arrival of the Tansa water, it was considered necessary to lay a 27″ main from the 24″ main on Parel Road, along Kala Chowki Road, Arthur Road and Tardeo Road to Gowallia Tank Road, there connecting with the existing 32″ Vehar and 26″ Tulsi mains. The object of laying this main in advance is to allow of the delivery capacity of the Vehar 24″ main being used to the fullest possible extent. There were 499 applications for new water connections, and it is apprehended that serious inconvenience will be felt on account of the increasing demand for water, until the supply from Tansa can be brought in.

23. Adverting to the matter of Drainage, it seems that the question of sewer ventilation formed the subject of much correspondence and discussion between the Superintending Engineer, N. D., the Sanitary Commissioner, the Executive Engineer, Municipality, and the Acting Municipal Commis-

sioner, as to the relative efficiency of surface and shaft ventilation, as applied to sewers in Bombay. To settle this vexed question, it has been decided to undertake experiments and observations on the relative effects of different systems of ventilation upon the air of the sewers, and the results of these experiments will be embodied in a future report. Ventilation of some kind is, of course, an urgent necessity in all sewers ; but the choice of the best method is a matter of difficulty, some of the largest cities in Europe having adopted surface ventilation and some shaft ventilation.

24. Nearly all the house connections in Khetwadi District were completed, the ovoid sewer from Crawford Market to the Mint was finished all but the ventilating shafts, the survey for house connections in the Agripada District was in progress, the trunk pipe sewers in the Fort, aggregating nine miles and-a-half, were laid and connected with the new ovoid sewer near the Town Hall.

25. There was great activity in the building trade, 1,122 new structures being commenced against 607 in 1883-84. During the year Sankli Street, connecting Clare Road with Ripon Road and Haines Road, and a low level road on the north-west side of Bellasis Bridge were finished ; the Sir George LeGrand Jacob Memorial Fountain of white marble was opened ; a Small-pox Hospital was erected ; a Fire Brigade Station at Gowallia Tank Road was partly finished ; the Ollivant Overbridge was opened for traffic, and other works of minor importance were either completed or advanced a stage.

26. The Standing Committee remark with satisfaction that the health of the city, generally, was good, although the number of deaths from all causes was 20,513, against 20,074 in the preceding year. Allowing for increase of population, the death-rate was 23·25 per 1,000. As compared with 1886, there was a reduced mortality from measles, fevers, diseases of the nervous system and deaths from accidents. From cholera there were 269 deaths, or a death-rate of ·31 per 1,000 of population. From small-pox there were 108 deaths. The highest mortality from cholera occurred in the Mahalakshmi and Esplanade Sections and was due to exceptional causes, for hundreds of scavengers and their families live in the Esplanade Section, whilst pilgrims

and mendicants find rest in the temples and places of shelter at Mahalakshmi. The population of those sections is small, and the death-rate is easily disturbed. The other sections where the mortality was highest were Sewri, Dhobitalao, Warli and Tarwadi. The highest mortality from small-pox was in Colaba and the next highest in Parel; the communities most afflicted by this disease being Jains, and Hindus other than high-caste. The Health Officer is of opinion that adult vaccination and re-vaccination require greater attention, and supports this view by the statement that during 1887, only 222 persons over six years of age were vaccinated. The primary vaccinations amounted to 17,063.

27. Exclusive of still-born children, the number of births registered was 15,429 (an increase of 520 over the preceding year) which is still so disproportionate to the death-rate as to be very unsatisfactory. The proportion of births and deaths registered to population is given at 19·95 per 1,000 and 26·53 per 1,000, respectively, on the census population of 1881. If allowance be made for the usual increase of population, the figures should be, births per 1,000, 17·49, deaths per 1,000, 23·25. There was some improvement in the returns of births registered among certain classes of Hindus, and with a view to offering more direct inducements to register births, the Town Council in March last sanctioned Dr. Weir's proposal for paying the Registration Karkoons so much per birth registered instead of by a fixed salary.

The following table shows the recorded death and birth-rate among various sections of the community :—

| Castes. | Death-rate. | Birth-rate. |
|---|---|---|
| Hindus, higher castes | 24·18 | 18·61 |
| Parsis | 20·47 | 27·05 |
| Musalmans | 31·74 | 21·20 |
| Hindus, low-caste | 31·34 | 26·81 |
| Europeans | 17·22 | 16·45 |

The number of persons primarily vaccinated, as compared with the two preceding years, the number of persons under one year primarily vaccinated, and also the number of persons re-vaccinated, were as under:—

| | No. of Persons primarily vaccinated. | Primary vaccination under one year. | | Re-vaccinated. |
|---|---|---|---|---|
| | | No. of persons. | Successful operations. | |
| 1885..... | 16,697 | 14,226 | 13,746 | 860 |
| 1886..... | 16,468 | 13,640 | 13,258 | 1,126 |
| 1887..... | 17,063 | 13,866 | 13,949 | 833 |

28. Much good work was done by the Health Department during the year. On an average 3,892 men and women and 605 scavengering and drain carts and 150 night-soil and cesspool carts were at work each day. The collection of garbage or katchra was greater than in the previous year by 371 tons a day ; 282,200 tons of garbage were collected and disposed of during the year against 147,056 tons in 1886, the number of cart-loads collected being from 1,500 to 1,700 daily. 211 miles of covered drains were opened and cleaned, against 198 in 1886.

29. The expenditure on the Health Department amounted to Rs. 9,71,499-11-0, whilst its earnings were Rs. 4,92,278-9-5.

30. The total revenue from the Markets and Slaughter-houses was Rs. 3,04,516-8-10 against Rs. 2,93,375-11-2 for 1886-87. The increase of Rs. 11,140-13-8 is principally due to improved returns from the License, Slaughter and Fair Ground Fees.

The net revenue, after deducting working expenses and interest to the amount of Rs. 2,19,845, is nearly 5 per cent. against 4½ per cent. for the preceding year. The whole of the 6 per cent. loan will be fully paid off in 1888-89, so that, after that, the profit will be over 10 per cent.

31. The question of conveyance of meat by rail is daily growing more important. In his report for the current year the Superintendent of Markets alludes to the depreciated condition in which the meat arrives in the Market after undergoing a journey by road of about ten miles. The great difficulties in the way of a settlement of the question are the heavy initial outlay necessary to effect a change to carriage by railway, and the difficulty of finding a site for a meat siding. The most convenient site would be a portion of the Native

Infantry Lines opposite the Market, but Government have declined to grant a site there.

32. The services of the officers who were performing joint duties as Police Officers and Fire Brigade Engineers were taken over from the commencement of the official year. The staff is now a purely Fire Brigade one, the officers having no Police duties.

33. In conclusion, the Committee desire to note that the number of schools partly supported out of the Municipal contributions increased by four during the year, the number of scholars on the rolls being 6,457 against 6,130 in the previous year.

*Resolved:* "That the Annual Administration Report for the year 1887-88, and the review thereof as now agreed to, together with the Auditor's Report for the same period, be passed on to the Corporation."

No. 4754.

The seal of the Corporation was affixed to deed of conveyance from Sheik Lal Sheik Emam, of ground taken up for the improvement line of Islampura Street.

No. 4755.

The seal was affixed to deed of contract with Mr. Rustomjee Eduljee Mobatjee for fixing fire hydrants in various parts of the city.

No. 4756.

The seal was affixed to 300 debenture bonds of Rs. 1,000 each, in the Tansa Water Works, of the value of Rs. 3,00,000, being Nos. 9801 to 10400, both inclusive.

The Chairman, with the consent of the meeting, gave precedence to item 23 on the agenda paper of this meeting regarding the severance of water connections.

Considered again memorandum No. 11422 A, dated 3rd instant, from the Acting Municipal Commissioner, asking sanction of the Standing Committee, under section 279 of the Municipal Act, III. of 1888, to the cutting off of water connection from the premises of Messrs. Vana Anna, Syud Mohedeen Saheb & Co., at G. Ward No. 6334, Street No. 233, Dharavi.

The Acting Municipal Commissioner informed the Committee that, as Messrs. Vana Anna & Co. have agreed to pay for water consumed in chawl No. 26 adjoining their premises, the connection will be continued.

The Acting Commissioner handed in the following statement and asked sanction, under Section 279 of the Act, to the severance of water connections therein mentioned.

# BOMBAY MUNICIPALITY.

## Water Works Department.

LIST of cases for which sanction of the Standing Committee is requested to the severing of the water connections under Section 279 of Act III. 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Applicant. | Reason. | Notice served. |
|---|---|---|---|---|---|---|---|
| B | 1369-70 | 146-156, 158-166 | Kajee Sayad Street.. | Tulseedass Narayandass. | ..... | Water is allowed to be used by the occupiers of the adjoining houses. | On 17-9-88. 7 day's time. |
| B | 1703 | 28-36 | Dariasthan Street ... | Anundji Kanji ..... | ..... | Water is allowed to be used by the outsiders and run to waste. | On 17-9-88. |
| B | 1704 | 38-40 | Do. ... | Megji Hunsraj ..... | ..... | Do. do. | " |
| B | 1705 | 42-44 | Do. ... | Jadowji Hunsraj ..... | ..... | Do. do. | " |
| B | 2022 | 370 | Samuel Street..... | Haji Sumar H. Bavla ... | ..... | Do. do. | On 18-9-88. |
| B | 3797 | 114-118 | 1st NowrojiHillRoad | Apa Gopal Dewle .... .... | ..... | Do. do. | " |
| B | 1689 | 29-31 | Tantanpura.. ..... | Dhanji Kurmally ..... | ..... | Water is allowed to be used by the occupiers of Ward Nos. 1685-1686 in the same street. | On 17-9-88. |
| B | 2962 | 26-30 & 120-126 | Tantanpura and 1st Chinchbunder Row | Dewji Kesra Khoja ..... | ..... | Water is allowed to be used by the outsiders and run to waste. | " |
| F | 167 & 168 | 120 to 124 & 126 | Suparibag Road ..... | Khutree Oosman Ahmed Buckhai, Trustee and Manager of Mosque. | ..... | Water is allowed to run to waste at night. | On 11-8-88. |
| F | 170 to 177 (1 & 2) 180 to 185 | 1 to 8-8 A, 11 to 14, 130 to 134, & 136 to 156 | Do. ... | Khutree Oosman Ahmed Buckhai. | ..... | Do. do. | " |
| F | 569 to 5828 (1 & 2) | 3 to 107, 1-2-6-7 109 to 127, 129-131-1-133 to 147 & 1 in rear. | ..... | Dadabhoy Dhunjibhoy... | ..... | Do. do. | " |

| Ward. | Ward No. | Street No. | Street. | Owner. | Applicant. | Reason. | Notice served. |
|---|---|---|---|---|---|---|---|
| F | 190 | 3 | Suparibag Road ... | Mahomedbhoy Jamaludin | ..... | Water is allowed to run to waste at night | On 11-8-88. |
| F | 197 & 203 | 164 & 198 to 206 | Do. .. | Withoba Manockji..... | ..... | Do. do. | ,, |
| F | 187-191, 198-200 & 583 B. | 160-4-166 to 182-184 to 194 & 149 | Do. ... | Cassinath Withoba ..... | ..... | Do. do. | ,, |
| F | 162-163, 164-165 & 166 | 106 to 110 B, 112-114, 166 & 118 | Do. ... | Lakumsee Napoo ..... | ..... | Do. do. | ,, |
| F | 583 | 149 | Do. ... | Cassinath Withoba ..... | ..... | Water is allowed to be used by the inmates of property Nos. 1 and 2 in rear. | On 25-8 88 |
| C | ..... | 1 | Trinity Street..... | Jamsetji Limboowalla... | ..... | There is no iron box over the stopcock on road. | On 4-10-88. 48 hrs.' time. |
| C | ..... | 107 | Do. ... | The owner of the house. | ..... | Bibcock and stopcock are out of order ... | On 8-10-88. |
| C | ..... | 104 | Do. ... | Do. ... | ..... | Stopcock is out of order ..... | On 6-10-88. |
| C | ..... | 90 | 1st Marine ..... | Haji Arrat Adum ..... | ..... | Bibcock and stopcock are entirely out of order and require a lid over the stopcock box. | On 5-10-88. |
| C | ..... | 73 | Charni Road .. ..... | Ratanbai Fardunjee and others. | ..... | Stopcock is leaking and also requires an iron box over the stopcock on the road. | On 22- 9-88. |
| C | ..... | 109 | Trinity Street..... | The owner of the house. | ..... | Stopcock is out of order ..... | On 6-10-88. |
| B | 4848 | 16 18 | Bhandup Street..... | Nanu Devji..... | ..... | Bibcock is out of order, and also the metre is kept in dark place which should be kept in an open place. | On 3-10-88. |
| B | 4529 | 14 | Carnac Bander, south | Babul Juggonath ..... | ..... | Metre is not accessible ..... | ,, |
| B | 3979 | 13-14 | 2nd Nowrojee Hill Road. | Raghunath Vasudevji ... | ..... | Service pipe is out of order ..... | On 4-10-88. |
| F | 935 | 295 | Bhoewady Road..... | Dadoe Juggunath Thacoor ..... | ..... | Service pipe is broken under ground ... | On 24- 9-88. |
| F | 936 | 296 | Do. ... | Dadoo Jugunath Kiny... | ..... | Service pipe is broken ..... | On 26- 9-88. |
| F | 937 | 297 | Do. ... | Pandoo Madav Kiny ... | ..... | Do. do. ..... | ,, |
| F | 378-382 | 11 to 15 | Elphinstone Road ... | Jehangirjee Hormusjee.. | ..... | Do. do. ..... | ,, |
| F | 2778 | 19 | Sewree Road ... ... | P. Bounevialle ..... | ..... | Service pipe is out of order..... | On 3-10-88. |
| F | 127 | 42 | Suparibag Road ..... | Janardhan Ramchandra. | ..... | Do. do. ..... | On 4-10-88. |

| Ward. | Ward No. | Street No. | Street. | Owner. | Applicant. | Reason. | Notice served. |
|---|---|---|---|---|---|---|---|
| F | 183 | 14 | Suparibag Road ..... | Khatri Usman Ahmed Buckkai. | ..... | Service pipe is broken ..... | 4-10-88, |
| F | 132 | 1 | Do. ... | The Manager of National S. & W. Co.,Ld. | ..... | Bibcock is out of order..... ..... | " |
| F | 972 | 332 | Bhoewady Road..... | Khoja Kassum Shivjee.. | ..... | Stopcock is out of order ..... | " |
| G | 2596 | 61 | Purbhadevi Road ... | Narayan Ramchandra ... | ..... | Do. do. ..... | 29-9-88. |
| G | 2536 (2) | 1 A | Cleveland Road ..... | Hajee Abdul Latiff ... | ..... | Service pipe is out of order..... | " |
| G | 3714 & 3715 | 75-76 | Hasalee Road..... | Ebrahim Rahimtula..... | ..... | Do. do. ..... | 3-10-88. |
| G | 3705 & 3707 | 66 to 68 | Do. ... | Khutree Sulleman Khumeessa, | ..... | Do. do, ..... | " |
| G | 6239 (2) | 128 A | Dharavi Road..... | Nusserwanji Jehangirji Khumbatta. | ..... | Service pipe is leaking ..... | " |
| G | 6138 | 27 | Do. ... | Khoja Peerbhoy Damji. | ..... | Do. do. ..... | 5-10-88. |
| G | 6300 | 189 | Do. ... | Heerjee Dharsee & Co.. | ..... | Service pipe is out of order ..... | " |
| G | 6285 | 174 | Do. ... | Do. ... | ..... | Service pipe is leaking..... | " |
| G | 2502 | 14 | Elphinstone Road ... | Anant Daya Kumbhar... | ..... | Bibcock is out of order ..... | " |
| G | 3646 | 8 | Dadur Road..... | Pestonji Dhunjibhoy ... | ..... | Service pipe is out of order ..... | " |
| G | 2133-35 | 11-29 to 11 31 | Fergusson Road ..... | The Manager of the Star of India S. & W.Co. Mill. | ..... | 3" service main leaks ..... | " |
| G | 3221 | 165 | Kumbarwada Lane.. | Raojee Ramchandra..... | ..... | 3" bibcock is out of order ..... | " |
| G | 2230 | (1) | DeLisle Road ..... | Hiptulla Noordin and Sheik Adum Noordin. | ..... | Service pipe is out of order ..... | " |
| G | 3647 | 9 | Dadar Road ..... | Mr. W. L. Nicker, Supdt. of new works, B, B. & C. I. Railway. | ..... | Clamp on 4" Siemen's private metre on the 4" main is leaking. | " |
| G | 3681 | 42 | Dadur Road..... | Atmaram Jaggonath Kirtiker, | ..... | Bibcock and tapercock are out of order | 6-10-88. |
| G | 48 (24) | 48U | Haines Road ..... | Amrota Babaji ..... | ..... | Stopcock is out of order ..... | ..... |
| B | ..... | 128 | Bhaji Pala Street... | The owner of the house. | ..... | Require a box over the stopcock on road. | 12-9-88 |
| B | ..... | 228 | Sarang Street..... | Khoja Hassanbhoy ... | ..... | Stopcock is leaking ..... ... | " |
| C | ..... | 16 | Guzar Street ..... | The owner of the house. | ..... | Stopcock is out of order..... | 13-9-88. |
| B | ..... | 26 | Chuckla Street ..... | Jan Mahomed ..... | ..... | Do. ..... | 19-9-88. |
| B | ..... | 48 | Do. ... | The Manager of the Musjid. | ..... | Do. ..... | " |

| Ward. | Ward No. | Street No. | Street. | Owner. | Applicant. | Reason. | Notice served. |
|---|---|---|---|---|---|---|---|
| B | ..... | 53 | Chuckla Street ... .. | The owner of the house. | ..... | Stopcock is out of order ..... ..... | 19-9-88. |
| B | ..... | 88 | Do. ... | Do. ... | ..... | Bibcock is out of order ..... | „ |
| B | ..... | 145 | Dongri Cooly Street. | Hyderali Cassamali ..... | ..... | Stopcock is out of order ..... ..... | 24-9-88. |
| B | ..... | 95 | Do. ... | Abdool Carrim ..... | ..... | Service pipe is out of order ..... .. | „ |
| C | ..... | 239 | J. Keeka Street..... | The owner of the house. | ..... | Do. ..... | 27-9-88. |
| C | ..... | 160 | Do. ... | Madhavji Bhagvanjee .. | ..... | Stopcock is out of order..... ..... | „ |
| C | ..... | 152 | Do. ... | The owner of the house. | ..... | Handle of the stopcock is broken ..... | „ |
| C | ..... | 150 | Do. ... | Thakurdas Daseemul ... | ..... | Service pipe is out of order ..... | „ |
| C | ..... | 63 | Guzer Street ... | Ebrahim Adamali..... | ..... | Stopcock is out of order ..... | „ |
| B | ..... | 96-100 | Dongri Cooly Street. | Hussen Meah Choorgay.. | ..... | Do. ..... | 28-9-88. |
| B | ..... | 2-3 | Do. ... | Mhatar Rowjee ..... | ..... | Bib service pipe stopcock is out of order | „ |
| C | ..... | 240 | Bapu Khote Street.. | The owner of the house. | ..... | Stopcock is out of order ..... ..... | „ |
| C | ..... | 232 | Do. ... | Kayerdass Bhangasali... | ..... | Do. ..... | 1-10-88. |
| C | ..... | 49 | Sindi Street ..... | The owner of the house. | ..... | Do. ..... | 2-10-88. |
| B | ..... | 275 | Nagdevi Road..... | Ganpat Balkrishna ..... | ..... | Require a lid over the box on the road... | „ |
| B | ..... | 271 | Do. ... | Antoba Balaji ..... ... | ..... | Service pipe is out of order..... ..... | „ |
| B | ..... | 284 | Do. ... | Vandravandas Parshotamdas. | ..... | Stopcock is out of order ; also requires a lid on stopcock box on road. | „ |
| B | ..... | 297 | Bibi Jan Street ..... | Kalianjee Shewjee..... | ..... | Bibcock is out of order ..... | „ |
| B | ..... | 135 | Do. ... | Suliman Sumar ..... | ..... | Service pipe is out of order ... ..... | „ |
| C | ..... | 164 | Bapu Khote Street.. | Lallji Dewsing ..... | ..... | Stopcock is out of order ..... ..... | „ |
| B | ..... | 91-94 | Dongri Cooly Street. | Dayal Purshotam ..... | ..... | Do. ..... | 3-10-88. |
| B | ..... | 118-120 | Do. ... | Baba Saheb Kutub ..... | ..... | Do. and require box | „ |
| B | ..... | 3-5 | Do. ... | The Manager of the Musjid. | ..... | Stopcock is out of order ..... | „ |
| B | ..... | 111 | Do. ... | The owner of the house. | ..... | Do. ..... | „ |
| B | ..... | 7 | Chuckla Street ... | Do. ... | ..... | Do. ..... | „ |
| B | ..... | 82 | Dungri Cooly Street. | Bai Padmabai..... | ..... | Do. ..... | „ |

S. TOMLINSON,
Deputy Executive Engineer, Water Works.

10*th October* 1888.

It was agreed that the consideration of these applications be postponed, and that the Municipal Secretary be directed to inform the persons mentioned in the statement that the Standing Committee propose to sanction, at their next meeting, the cutting off of the water supply in question under Section 279 of the New Municipal Act III. of 1888, but that if the persons named in the list desire to make any representation in the matter they can do so before the next meeting of the Committee

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BOMBAY, 17*th October* 1888.

AT the meeting of the Standing Committee of the Corporation held this day, there were present :—

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; Colonel G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P. F. L. CHARLES, Esq., Acting Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 10th instant, were signed.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

That the following be *recorded:*—Memorandum from the Acting Municipal Commissioner, reporting that, as sanctioned by the Standing Committee by circular, he has, under Section 122 (2) of the Municipal Act III of 1888, invested the following sums in 4 per cent. Government Paper :—Rs. 8,00,000 and Rs. 2,00,000, at 99¼ per cent., of the funds belonging to the 12 lakhs Drainage and Water Works Loan, and 7 lakhs Sanitary Works Loan deposit accounts, respectively.

No. 4949.

*Carried.*

*Resolved:* "That, as verbally applied for by the Acting Municipal Commissioner, sanction be given to the following arrangement with the Bank of Bombay, regarding the investment of the instalment of Rs. 2,22,000, sanctioned by the Government of India to be raised for Drainage and Water Works (instead of the full loan of Rs. 11,82,000) required for Drainage, Water Works, Markets, Roads, &c. The Bank to pay the value of 5 per cent. Municipal bonds for Rs. 2,22,000 at 107 per cent. in

No. 4950.

4 per cent. Government Paper of Rs. 2,22,000 at 98¾ on 1st November, and the difference in cash, the Bank to re-purchase the same Government Paper at the like rate for delivery on 10th April 1889."

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 4951. "That, as applied for by the Acting Municipal Commissioner, in his letter No. 11651, dated 5th instant, sanction be given to the investment in 4 per cent. Government Paper, of about 6½ lakhs of the Building Fund now lying in the Bank at one per cent. interest, as under :—The investment to be at rates not exceeding 99 per cent., and Rs. 2,83,100 of 4 per cent. paper belonging to the Local Loans Sinking Fund to be transferred, so far as it goes, to the Building Fund, at ruling market rates, the balance only of the 6½ lakhs as above being purchased in the market."

*Carried.*

Read memorandum No. 12230, dated 17th instant, from the Acting Municipal Commissioner, applying for sanction to payment of the excess of Rs. 2,247-4-0, in the grant for the purchase of land for a night-soil depôt near the junction of DeLisle and Carroll Roads.

No. 4952. *Resolved :* "That the Corporation be recommended to sanction the payment of Rs. 2,247-4-0, from the balance available from the sum of Rs. 11,82,000, for which the Corporation have sanctioned the raising of a loan, to meet excess over the grant provided for the purchase of land near the junction of DeLisle and Carroll Roads for a night-soil depôt."

*Resolved :* "That the following be *recorded*:—

No. 4953. Memorandum No. 11453, dated 4th instant, from the Acting Municipal Commissioner, reporting that, under Section 117 of the Municipal Act III of 1888, he has sanctioned the payment of Rs. 715-5-1, being the amount of decree in favour of Dinbai, wife of Mr. Pestonjee Merwanjee Bharucha, in respect of damage done to her property in Khambatta Lane. The charge to be debited to the grant for Khetwadi house connections."

The consideration of the design of chair for the President, submitted by the Acting Municipal Commissioner,

under his memorandum No. 11697, dated 8th instant, was postponed.

No. 4954. *Resolved:* "That sanction be given to the transfer of Rs. 156, from savings in Section III, Fees of Members of the Standing Committee, Town Council and Corporation Establishment Budget, to Section V., Contingencies, same Budget, to meet the cost of twelve additional chairs for the accommodation of members of the Corporation."

No. 4955. Sanction was given to the cost of printing synopsis prepared by the Municipal Secretary of the new Municipal Act III of 1888; to be met by transfer of Rs. 500, to the grant for printing, Section V, Town Council (now Standing Committee) and Corporation Establishment Budget, from savings in Section III of the same Budget, Fees of Members of the Standing Committee.

No. 4956. On the application of the Acting Municipal Commissioner, made in his memorandum No. 11340, dated 3rd instant, sanction was given to the expenditure of Rs. 43, to provide for the cost of ventilation of hay stores of A and B Wards, Health Department. The cost to be debited to the savings in the grant for the construction of office and store-rooms in connection with the Bori Bandar stables.

No. 4957. *Resolved:* "That the Corporation be recommended to sanction the expenditure of Rs. 500, from surplus cash balance, to provide for cost of postage of letters *re* severance of water connections, under Section 279 of the City of Bombay Municipal Act III of 1888, and of printing charges in the matter; the amount to be paid as advances, from time to time, as may be required."

No. 4958. On the application of the Acting Municipal Commissioner, made in his memorandum No. 11370, dated 3rd instant, sanction was given to the transfer of Rs. 187-8-0, from savings in Section II, Labour, B, Drain Cleaning, Conservancy Branch, Health Department Budget, to Section X, Halalkhor Branch, E, Repairs, same head, same Budget, to meet the cost of laying cast-iron suction pipe at the salt water tank, Carnac Bandar night-soil depôt.

Proposed by Surgeon-Major Waters, seconded by Cowasjee Hormusjee, Esq.:—

"That, as applied for by the Acting Municipal Commissioner, in his memoranda, Nos. 11647 and 12292, dated 6th and 17th instant, sanction be given to the payment of an Inspector employed on the work of reinstating the godowns in the Arthur Crawford Markets, at the rate of Rs. 80 per mensem, for two months, commencing from 1st September 1888. The charge to be debited to the contingencies provided for the work.

No. 4959.

"That sanction be also given to the payment of Rs. 40 to provide for pay of two lascars at Rs. 10 each per mensem for two months, from 1st September last. The charge to be debited to the same grant."

*Carried.*

Read letter No. 11868, dated 10th instant, from the Acting Municipal Commissioner, to the Secretary, as follows:—

SIR,—I have the honor to draw your attention to Sections 355 and 479 (2) of the Municipal Act, and to request that the Standing Committee be asked to recommend the Corporation to fix the license fee for surveyors and plumbers.

As regards the fee for license to surveyors, it will be seen that it is a new proposal under the new Act, and after careful inquiry into the matter, I think that a fee of Rs. 75 per annum would be a reasonable fee.

As regards the fee for license to plumbers I may mention that a fee of Rs. 10 per annum is the present charge as fixed under the By-laws framed under Acts III of 1872 and IV of 1878. This fee should not be increased, but the Corporation should be recommended to fix the same sum.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by the Chairman, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the Corporation be recommended to sanction, under Sections 355 and 479 (2) of the Municipal Act III of 1888, the fee for license to surveyors at Rs. 75 each per annum, and to plumbers at Rs. 10 each per annum."

No. 4960.

*Carried.*

*Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 11640, dated 6th instant, sanction be given, under Section 501 of the City of Bombay Municipal Act III of 1888, to the payment of Rs. 18-12-0, to Saku Bapu bigari, employed in excavating for a drain in Clerk Road,

No. 4961.

being the amount of full wages for 2 months, at annas 5 per day, whilst he was under medical treatment for injuries received by trench giving way and earth falling upon him when on duty. The charge to be debited to the grant for miscellaneous drains."

No. 4962. *Resolved :* "That, as recommended by the Acting Municipal Commissioner, in his letter No. 11341, dated 3rd instant, sanction be given, under Section 501 of the City of Bombay Municipal Act III of 1888, to the payment of Rs. 11-4-0, to Darki Gavri, female labourer, employed on the work of the Erskine Road Market extension, being the amount of full wages for two months, at annas 3 per day, whilst she was under medical treatment for injuries received from fracture of her left ankle, her foot having slipped into a chunam mill and stone roller having passed over her foot. The charge to be debited to the grant for the said extension."

No. 4963. *Resolved :* "That, as applied for by the Acting Municipal Commissioner, in his memoranda Nos. 11657 and 11658, dated 6th instant, sanction be given, under Sections 211 and 517 (*J*) of the City of Bombay Municipal Act III of 1888, to suits being filed against—(1) Mr. J. E. Coleman, of the Chartered Mercantile Bank at Colombo, for the recovery of Rs. 13-8-0, on account of wheel-tax for the quarter ending 30th June 1885; and (2) Mrs. Jacob Hunt (who is at Lahore), for the recovery of Rs. 13-8-0 on account of wheel-tax for the quarter ending 30th September 1887."

Read Resolution of the Corporation No. 4573, dated 4th instant, as follows :—

"That the following be referred to the Standing Committee for consideration and report:—Letter from the Acting Municipal Commissioner, No. 10013, dated 8th September 1888, asking that DeLisle, Currey and Fergusson Roads may be widened at the points where the overbridges will be constructed, to the following widths to allow of the reservation of the land required for the high level bridge and the side approaches to the existing properties adjacent :—of DeLisle Road at a width of 92 feet, of Currey Road at 82 feet, and of Fergusson Road at 82 feet, as shown in the tracing marked A, dated 4th October 1888."

It was agreed that the Resolution of the Corporation, No. 4573, of 1888-89, be referred to the Works Committee for report.

No. 4964.

Read Resolution of the Corporation, No. 4578, dated 4th instant, as follows :—

"That in the opinion of the Corporation it is desirable that a chain and badge of office should be provided for the President, and that the Standing Committee are hereby directed, after making such inquiry as they deem fit, to report to the Corporation what the probable cost will be and how the money is to be obtained."

It was agreed that the consideration of the Resolution of the Corporation, No. 4578 of 1888-89, be postponed, and that the Acting Municipal Commissioner be requested to take the opinion of the Municipal Solicitors as to whether the outlay involved is one which can be met from the Municipal Fund.

No. 4965.

Considered again letter, dated 19th July 1888, from Mr. J. R. Thompson, for himself and other applicants, asking that a Municipal market may be provided on the Municipal land in Foras Road. Referred to the Acting Municipal Commissioner for report as to whether the market is desirable—25th July 1888.

Read letter No. 11364, dated 3rd instant, from the Acting Municipal Commissioner, reporting that he intends to enter a small new market at Foras Road as one of the proposals for next year's Budget. The applicants should be informed accordingly.

*Resolved:* "That in reply to his letter, dated 19th July 1888, Mr. J. R. Thompson be informed that the Acting Municipal Commissioner intends to include the cost of a small new market at Foras Road among the proposals for next year's Budget."

No. 4966.

Considered again letter, dated 8th September 1888, from Mr. Fardunjee Merwanjee Banajee, making certain allegations in regard to the house connection operation being carried on in front of house at No. 5, Hornby Road, and forwarding claim for charges amounting in all to Rs. 22-2-0, being the professional fees of an engineer and wages of a maistry and two bigaris.

Read letter No. 11363, dated 3rd instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to the letter, dated 8th September, from Mr. Fardunjee Merwanjee Banajee making certain allegations respecting

the carrying out of drainage works, I have the honour to state that there is no necessity to do anything in the matter. The drainage work has been completed without any injury to his house at all, and Mr. Fardunjee has only himself to thank for his bill of Rs. 22-2-0, which should be returned to him with an intimation that the Municipality have no concern in the matter as there was no occasion for him to interfere.

As to the allegation of his complaint not being attended to, he gave the wrong address, No. 5, instead of No. 17, and the Inspector tried for two hours to find which house was intended.

Mr. Fardunjee's statements as to the remissness of the Inspecting Staff are wholly without excuse.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

No. 4967. "That, in reply to his letter, dated 8th instant, Mr. Fardunjee Merwanjee Banajee be furnished with copy of the Acting Municipal Commissioner's letter No. 11363, dated 3rd instant, on the subject of the complaint made by the applicant."

On a division the motion was *lost*, the votes being 2 *for* and 4 *against*.

Considered letter, dated 13th September 1888, from Mr. Sadanand Trimbakjee, objecting to the water-rate charged in respect of his chawls in an oart called Antoba Gosaviwadi, Kalbadevi Road, and asking that he may be allowed refund of the rate paid in respect of the said chawls, from 1st October 1886 to 31st March 1888, and the said rate may not be enforced from the current year (1888-89).

Read memorandum No. 11470, dated 4th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

The Municipal Commissioner, acting under the advice of the Executive Officer of Health, under para. 2 of Section 149 of the Acts of 1872 and 1878, required the applicant to make a connection with the Vehar main adequate to the supply of a sufficient amount of water to the tenants of his chawls in the oart in question. He did not comply with the requisition, and the water-rate was levied in accordance with the concluding portion of the section above quoted. The matter was fully explained to the applicant and to his Solicitors in the Acting Commissioner's replies, Nos. 19202 and 926, copies of which are hereto appended.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Surgeon-Major Waters—

No. 4968. "That, in reply to his letter, dated 13th ultimo, Mr. Sadanand Trimbakjee be informed that the Municipal Commissioner, acting under the advice of the Health Officer, under para. 2 of section 149

of the Municipal Acts of 1872 and 1878, required the applicant to make a connection with the Vehar main, adequate to the supply of a sufficient amount of water to the tenants of his chawls in the oart in question. He did not comply with the requisition, and the water-rate was levied in accordance with the concluding portion of the section above-quoted. The matter was fully explained to the applicant and to his Solicitors in the Acting Commissioner's replies Nos. 19202 and 926, dated 27th March and 14th April 1888.

"The Standing Committee see no reason to interfere in the matter."

*Carried.*

Considered again Resolution of the Corporation, No. 2707, dated 26th March 1888, as follows :— "That, subject to the sanction of Government being obtained to the raising of the necessary loan, sanction be now given to the expenditure of Rs. 2,63,875, to provide for the cost of road through Nowrojee Hill, from Elphinstone Bridge to Dongri Street; the cost to be met from available balances to be adjusted to the debit of the said loan. That the Corporation approve of the construction of the road, but refer the matter back to the Town Council for fresh estimate, to include cost of frontages on both sides for formation of street, so far as may be considered desirable." Referred to the Acting Municipal Commissioner for the favour of report—11th April 1888.

Read letter No. 11807, dated 9th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have to report on Town Council's Resolution No. 99 of 11th April 1888.

2. By the Corporation Resolution No. 2707, dated 26th March 1888, it was decided that the Nowrojee Hill Road project should be adopted, but the Corporation wished for an estimate to include frontages.

3. In preparing this estimate I have excluded portions of land on the top of the hill where the rock cutting will be very deep as it is not probable that those portions could be re-sold after the formation of the road at such a profit as to make it worth while to go to the initial outlay of buying them.

4. I have, however, included all such land as could probably be re-sold at a profit after the formation of the proposed road both on the Chinch Bunder and Dongri Street sides of the Nowrojee Hill.

5. The estimate of the present value of the land to be acquired is a matter of great difficulty, as parts of it are of considerable value, whereas other parts on the top of the hill and close under the rock are of small value. Probably Rs. 20 per square yard may be found a safe all-round estimate, some parts being valued by the Executive Engineer at Rs. 10 per square yard, while in Dongri Street the land is of considerably greater value.

6. Taking Rs. 20 as the average, the cost of the scheme will be—

| | Rs. |
|---|---|
| 1.—Main road, including sewerage and drainage, and 15 per cent. contingencies ... ... | 3,17,710 |
| 2.—Cross Road to the top of the hill rendered necessary by the cutting, including 15 per cent. contingencies for road and 10 per cent. for land and building ... ... ... | 14,313 |
| 3.—9,376 square yards of land for frontages at Rs. 20 per square yard, including 10 per cent. contingencies ... ... ... ... | 2,06,272 |
| 4.—Purchase of houses now standing on do., including 10 per cent. contingencies ... | 61,334 |
| Grand Total ... | 5,99,629 |

7. I do not think it too much to expect that the land to be acquired as frontage will double in value after the formation of the new road.

8. If this be so the profit on re-sale of the frontages (9,159 square yards) would pay two-thirds of the cost of making the road, the 2 lakhs payable for the land being turned into 4 lakhs by re-sale after the road is finished. It appears desirable, therefore, that the 9,376 square yards as shown on the accompanying plan should be taken up as authorized in Section 296 clause (*b*) of the Municipal Act.—F. L. CHARLES, Acting Municipal Commissioner.

No. 4969. On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by the Chairman, it was agreed that the revised estimate of cost of road through Nowrojee Hill, from Elphinstone Bridge to Dongri Street, amounting to Rs. 5,99,629, including cost of frontage on both sides for the formation of road, submitted by the Acting Municipal Commissioner, under his letter No. 11807, dated 9th instant, be referred to the Works Committee for report.

The following was referred to the Acting Municipal Commissioner for disposal :—

No. 4970. Letter, dated 4th instant, from Mr. Jevun Pudman, asking that the bill for consolidated rate in respect of his house, Ward No. 3707, Street No. 811, Jail Road East, may be discontinued, and that the refund of rates paid by him in respect of the said property may be allowed, as the property was vacant and has now been pulled down by the Municipality.

The consideration of Progress Reports,* up to the end of August last, of new works now in course of construction was postponed.

Considered again memorandum No. 4386, dated 29th September 1888, from the Municipal Secretary, forwarding, for favour of remarks by the Standing Committee, letter to the Corporation, dated 29th September 1888, from Mr. N. H. Gheesta, asking favourable consideration for correspondence relating to the severance of water connection from his house at Nos. 180—190, Parel Road, Byculla, by which he alleges that the five shops on the ground-floor of the said house are left vacant, and he has been put to the loss of Rs. 75 per month in consequence.

Read letter No. 11648, dated 6th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to report on Mr. Gheesta's case.

The Vehar 32″ main was intended to supply Bhandarwada, and the policy of the Water Works Department has been to withdraw all connections from this main and to transfer them to other mains.

In pursuance of this policy and also to make the service pipes shorter wherever possible, owing to new mains being provided, the Water Works Department have in the last year transferred about 500 connections, in all of which the owners paid the cost of the new connections.

Mr. Gheesta had, in common with about ten other persons, an old connection from the 32″ Vehar main in DeLisle Road to houses in Parel Road, the service pipe crossing the Railway.

The 14″ Vehar main in Parel Road was laid down long after the 32″ main in the Railway siding and passes close to Mr. Gheesta's house, and therefore a connection with it was in all respects better for Mr. Gheesta himself than a connection with the 32″ Vehar main at a distance on the other side of the Railway.

The 3″ pipe which supplied Mr. Gheesta and others was found to be leaking badly, and Mr. Gheesta himself complained to me of short supply some days before the connection was cut off.

As this connection would have in any case been transferred in pursuance of the above-noted policy, immediate action was taken on discovering the leakage and the connection was cut off and orders were given to connect with the 14″ main in Parel Road. All the other persons who had connections from the same service pipe as Mr. Gheesta obeyed the order and now have new connections, Mr. Gheesta alone obstinately refuses to take the new connection from the main in the road in which his property is situated, although he may have a connection any day he pleases.

* *See* Appendix C,

The Inspector called on Mr. Gheesta the same day the connection was cut off to explain the circumstances, and the Deputy Executive Engineer himself also called at his house shortly after and left a note for him as he was out.

It is impossible to say to whom the old 3" service pipe belonged as it fed several properties belonging to different owners, but it evidently does not belong to Mr. Gheesta, as it runs in the opposite direction to his property.

None of these owners have raised any objection except Mr. Gheesta, and there is nothing to distinguish his case from that of the 500 other cases in which during the past year connections have been transferred at owners' expense.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

On the motion of the Chairman, seconded by Javerilal Umiashankar Yajnik, Esq., it was—

*Resolved:* "That the consideration of Mr. Gheesta's complaint regarding the severance of the water connection to his house at Parel Road, Byculla, be deferred, and that in the meantime the Acting Municipal Commissioner be requested to obtain the opinion of the Solicitors to the Corporation as to whether there is any legal liability on the Municipality to give Mr. Gheesta a new connection at the cost of the Corporation."

No. 4971.

Considered letter, dated 5th September 1888, from Papabai, widow of Sheik Jagoo, stating that, if the Standing Committee still adhere to the rate of Rs. 3 per yard fixed for her land, required for the proposed new road No. 8, Agripada, she will take legal steps in the matter.

Read memorandum No. 12062, dated 13th instant, from the Acting Municipal Commissioner, stating that it will be seen from his office endorsement No. $\frac{8428}{14\text{-}8\text{-}88}$ and the Town Council's Resolution No. $\frac{3886}{22\text{-}8\text{-}88}$, that it is not advisable to increase the rate.

*Resolved:* "That in reply to her letter, dated 5th September 1888, Papabai, widow of Sheik Jagoo, be informed that the Standing Committee see no reason to increase the rate of Rs. 3 per square yard fixed by the late Town Council for the land in question."

No. 4972.

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

*Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 11771, dated 9th instant, the Corporation be recommended to sanction an arrangement with Mr. Dorabji Jamsetji Tata, by which in exchange for the piece of Municipal ground shown in yellow colour on the tracing* marked A, dated this day, and lying on Kala Chowki Road, admeasuring 862·79 square yards, or thereabout, Mr. Dorabji Jamsetji Tata gives up to the Municipality plots of land shown on the tracing and coloured as under:—pink, admeasuring 845·02 square yards, or thereabout, and blue, admeasuring 17·77 square yards, or thereabout, situate on the said road, the land so transferred to the Municipality being required for the improvement line of Kala Chowki Road, and the construction of cattle trough."

No. 4973.

The seal of the Corporation was affixed to deeds of conveyance—

No. 4974. From Radhabai, widow of Bhasker Narayan, of ground taken up for the improvement of Breach Vellard.

No. 4975. From Hadji Essa Hadji Fuzla, of ground taken up for the improvement line of Chinch Bunder 1st Row. (The Acting Executive Engineer, in his letter No. 7980 B, dated 13th October 1888, to the Acting Municipal Commissioner, states that 33·31 square yards of ground only were taken up in this case, being 3·74 square yards less than the area, 37·05 square yards, sanctioned by the Council, on the 2nd November 1887.)

No. 4976. From Hadji Abdul Rahiman Hadji Mahomed and Hadji Abdul Karim Hadji Mahomed, of ground taken up for the improvement line of Bellasis Junction Road. The Acting Executive Engineer, in his letter No. 7966B, dated 13th October 1888, to the Acting Municipal Commissioner, states that Hadji Abdul Rahiman Hadji Mahomed and another are the proper persons to receive compensation in this case, not Hadji Mahomed Hadji Abdul Karim, in whose name sanction to the taking up of the ground was given by the Council, in their Resolution No. 1064, dated 6th April 1888.)

* Filed in Supplement to Minute Books, marked A.

No. 4977. The seal was affixed to two deeds of conveyance from the Corporation to Mr. Mahomedbhoy Ebrahim—(*a*) of lots Nos. 47, $\frac{4949}{B2}$, $\frac{49}{3}$ and 52, and (*b*) of lots Nos. 53, 55, 62 and 63, of land at Ripon Road, admeasuring (*a*) 1,616 square yards, or thereabout, and (*b*) 3,150 square yards, or thereabout, sold to him for Rs. 9,250 and Rs. 12,800, respectively.

The seal was affixed to 300 debenture bonds of Rs. 1,000 each in the Tansa Water Works, of the value of Rs. 3,00,000, being Nos. 10401 to 11000, both inclusive.

No. 4978. *Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 11770, dated 9th instant, sanction be given to the payment of Rs. 25 to Mr. Nusserwanji Jamshedji as travelling allowance for the first thirty days that he acted as Inspector of Roads and Buildings, D Ward, Engineer's Department. The charge to be debited to Section IV., Outdoor Establishment, Engineer's Budget."

On the suggestion of Mr. Javerilal Umiashankar Yajnik, it was agreed to ask the Commissioner to enter in the Budget for next year, all cases where conveyance allowances are drawn, with a view to arrangements being made for the future to secure for the person holding an acting appointment the conveyance allowance attached to the appointment.

Read letter No. 12229, dated 17th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have on various occasions drawn the attention of the Standing Committee to the great loss of land really belonging to the Corporation which has been encroached upon and appropriated from time to time by shopkeepers and others who project boards, steps and other obstructions over the roadway.

2. As the new Act gives increased powers for the removal of these obstructions and the restoration of the land to the roadway, I propose to begin at once to exercise the powers conferred by the Act and to clear, as far as may be, some of the streets where it is most necessary to have all the width that can be shown to belong to the Corporation.

3. This work will have to be done with care and judgment, so that on the one hand no land properly belonging to the Corporation should be overlooked, and on the other, no unnecessary loss should be caused to the house-owners.

In order to enable me to carry out the work satisfactorily, I request the sanction of the Standing Committee to employ a Special Inspector for six months on Rs. 200 per mensem, with one peon at Rs. 10 per mensem, and one candidate at Rs. 10 to write notices, &c. This cost, amounting to Rs. 220 per mensem, or for six months Rs. 1,320, can be met out of the street improvement grant, and when it is considered that the result of this action will be the addition to the roadway of hundreds of square yards of very valuable land varying in value from, say, Rs. 30 to Rs. 100 per square yard, I hope there may be no hesitation in sanctioning this proposal. The present staff are fully employed on their ordinary routine duties.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 4979. "That, as applied for by the Acting Municipal Commissioner, in his letter No. 12227, dated 17th instant, sanction be given to his proposal relative to the removal of obstructions made by shopkeepers and others by projecting boards, steps, &c., over the roadway.

"That sanction be also given to the employment of a Special Inspector at Rs. 200 per mensem, and one candidate clerk on Rs. 10 per mensem, for six months, and a peon at Rs. 10 ditto, for carrying out the work. The cost to be debited to the grant for improvement of streets."

*Carried.*

With the consent of the meeting, the Chairman gave precedence to item No. 36 on the agenda paper, regarding the severance of water connections.

No. 4980. Considered again application made by the Acting Municipal Commissioner, at the last week's meeting, for the severing of water connections.

The Municipal Secretary reported that of the 83 persons written to by registered letters by order of the Standing Committee at their last meeting, 34 receipts were received

from the Post Office together with 5 endorsements of "refused."

Letters from 14 of the persons written to had been received, and of these the Deputy Executive Engineer reported that 8 had complied with the requirements of the Water Works Department.

It was agreed that sanction be given, under section 279 of the Municipal Act III. of 1888, to the cutting off of the water connections, from the following properties belonging to the persons above referred to, from whom no replies have been received :—

| Ward. | Ward No. | Street No. | Street. | Owner. |
|---|---|---|---|---|
| B | 1369-70 | 146-156, 158-166 | Kajee Syed Street ... | Tulseedas Narayandas. |
| B | 1703 | 28-36 | Dariasthan Street ... | Anundji Kanji. |
| B | 2022 | 370 | Samuel Street ..... | Haji Sumar H. Bavla. |
| B | 3797 | 114-118 | 1st Nowroji Hill Road | Aba Gopal Dewle. |
| B | 1689 | 29-31 | Tantanpura ..... | Dhanji Kurmally. |
| B | 2962 | 26-30 & 120-126 | Tantanpura and 1st Chinchbunder Row | Dewj Kesra Khoja. |
| F | 167 & 168 | 120 to 124 & 126 | Suparibag Road ..... | Khatri Usman Ahmed Buckhai, Trustee and Manager of Mosque. |
| F | 170 to 177 (1 & 2) 180 to 185 | 1 to 8-8A, 11 to 14, 130 to 134, & 136 to 156 | Suparibag Road ..... | Khatri Usman Ahmed Buckhai. |
| F | 569 to 5828 (1 & 2) | 3 to 107, 1-2-6-7 109 to 127, 129-131-1-133 to 147 &1 in rear. | ..... | Dadabhoy Dhunjibhoy. |
| F | 190 | 3 | Suparibag Road ..... | MahomedbhoyJamaludin. |
| F | 197 & 203 | 164 & 198 to 206 | Do. ..... | Withoba Manockji. |
| F | 187-191, 198-200 & 583 B. | 160-4-166 to 182-184 to 194 & 149 | Do. ..... | Cassinath Withoba. |
| F | 162-163, 164-165 & 166 | 106 to 110B, 112-114,166 & 118 | Do. ..... | Lakumsee Napoo. |
| F | 583 | 149 | Do. ..... | Cassinath Withoba. |
| C | ..... | 1 | Trinity Street ..... | Jamsetji Limboowala. |
| C | ..... | 107 | Do. ..... | The owner of the house. |
| C | ..... | 104 | Do. ..... | Do. |
| C | ..... | 90 | 1st Marine..... | Haji Arrat Adum. |
| C | ..... | 109 | Trinity Street ..... | The owner of the house. |
| B | 4848 | 16-18 | Bhandup Street ..... | Nanu Devji. |
| B | 4529 | 14 | Carnac Bunder,South | Babul Juggonath. |
| B | 3979 | 13-14 | 2nd Nowroji Hill Road. | Raghunath Vasudevji ... |
| F | 935 | 295 | Bhoewady Road ..... | Dadoe Juggunath Thacoor. |
| F | 936 | 296 | Do. ..... | Dadoo Jugunath Kiny. |
| F | 93 | 297 | Do. ..... | Pandoo Madav Kiny. |
| F | 378-382 | 11 to 15 | Elphinstone Road ... | Jehangirjee Hormusjee |
| F | 2778 | 19 | Sewree Road..... | P. Bonneville. |

| Ward. | Ward No. | Street No. | Street. | Owner. |
|---|---|---|---|---|
| F | 127 | 42 | Suparibag Road ..... | Janardhan Ramchandra. |
| F | 183 | 14 | Do. ... | Khatri Usman Ahmed Buckhai. |
| F | 132 | 1 | Do. ... | The Manager of National S. & W. Co., Ld. |
| F | 972 | 332 | Bhoewady Road ... | Khoja Kassum Shivjee. |
| G | 2596 | 61 | Purbhadevi Road .. | Narayan Ramchandra. |
| G | 3714 & 3715 | 75-76 | Hasalee Road ..... | Ebrahim Rahimtula. |
| G | 3705 & 3707 | 66 to 68 | Do. ..... | Khatri Sulleman Khumeessa. |
| G | 6300 | 189 | Dharavi Road ..... | Heerjee Dharsee & Co. |
| G | 6285 | 174 | Do. ..... | Do. |
| G | 2502 | 14 | Elphinstone Road ... | Anunt Daya Kumbhar. |
| G | 3646 | 8 | Dadur Road ..... | Pestonjee Dhunjibhoy. |
| G | 3221 | 165 | Kumbarwada Lane... | Raojee Ramchandra. |
| G | 2230 | (1) | DeLisle Road ..... | Hiptulla Noordin and Sheik Adum Noordin. |
| G | 3681 | 42 | Dadar Road ..... | Atmaram Jaggonath Kirtiker. |
| G | 48(24) | 48 U | Haines Road ..... | Amrota Babaji. |
| B | ..... | 128 | Bhaji Pala Street ... | The owner of the house. |
| B | ..... | 228 | Sarang Street ..... | Khoja Hassanbhoy. |
| C | ..... | 16 | Guzar Street ..... | The owner of the house. |
| B | ..... | 26 | Chukla Street ..... | Jan Mahomed. |
| B | ..... | 48 | Do. ..... | The Manager of the Musjid. |
| B | ..... | 53 | Do. ..... | The owner of the house. |
| B | ..... | 88 | Do. ..... | Do. |
| B | ..... | 145 | Dongri Cooly Street. | Hyderli Cassamali. |
| B | ..... | 95 | Do. ... | Abdool Carrim. |
| C | ..... | 239 | J. Keeka Street ..... | The owner of the house. |
| C | ..... | 160 | Do. ... | Madhavji Bhagvanjee. |
| C | ..... | 152 | Do. ... | The owner of the house. |
| C | ..... | 150 | Do. ... | Thakurdas Daseemul. |
| C | ..... | 63 | Guzar Street..... | Ebrahim Adamali. |
| B | ..... | 96-100 | Dongri Cooly Street. | Hussen Meah Choorgay. |
| B | ..... | 2-3 | Do. ... | Mhatar Rowjee. |
| C | ..... | 240 | Bapu Khote Street... | The owner of the house. |
| C | ..... | 232 | Do. ... | Kayerdass Bhangasali. |
| C | ..... | 49 | Sindi Street ..... | The owner of the house. |
| B | ..... | 275 | Nagdevi Road ..... | Ganpat Balkrishna. |
| B | ..... | 271 | Do. ..... | Antoba Balaji. |
| B | ..... | 284 | Do. ..... | Vandravandas Parshotumdas. |
| B | ..... | 297 | Bibi Jan Street ..... | Kalianjee Shewjee. |
| B | ..... | 135 | Do. ..... | Suliman Sumar. |
| C | ..... | 164 | Bapu Khote Street... | Lallji Dewsing. |
| B | ..... | 91-94 | Dongri Cooly Street. | Dayal Purshotam. |
| B | ..... | 118-120 | Do. ... | Baba Saheb Kutub. |
| B | ..... | 3-5 | Do. ... | The Manager of the Musjid. |
| B | ..... | 111 | Do. ... | The owner of the house. |
| B | ..... | 7 | Chuckla Street..... | Do. |
| B | ..... | 82 | Dongri Cooly Street. | Bai Padmabai. |

Read memorandum No. 12228, dated 17th instant, from the Acting Municipal Commissioner, forwarding statement as follows, and asking sanction, under Section 279 of the Municipal Act III. of 1888, to the cutting off of water connections therein mentioned :—

# BOMBAY MUNICIPALITY.

## Water Works Department.

LIST of cases for which sanction of the Standing Committee is requested to the severing of the water connections under Section 279 of Act III. of 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner or Occupier. | Reason. | Notice served. |
|---|---|---|---|---|---|---|
| B | 1707 | 54-58 | Dariastan Street ..... | Dewji Premji ..... | Water is allowed to run to waste by keeping the tap open in a well. | 3-8-88. |
| F | 228 to 232 | 232 to 240 | Arthur Road ..... | Vizbukandass Maneklal..... | Water is allowed to be used by the inmates of house No. 224 to 230, Ward No. 227. | 10-8-88. |
| B | 1172 | 313-321 | Dongri Street ..... | Manmohundass Davidass ..... | Water is allowed to outsiders and to waste..... | 16-8-88. |
| B | 1330 | 462-464 | Do. ..... | Makbai, widow of Bhojraz Dewsi. | Water is allowed to outsiders ..... | " |
| B | 1517 | 52-54 | Isaji Street ..... | Huridass Premjee ..... | Water is allowed to be used for building purpose of the adjoining Temple. | 19-9-88. |
| B | ..... | 83-91 | Samuel Street ..... | | | |
| E | 1569-1570 | 9-13-15-31 | Do. ..... | Dharamsi Jiva..... ..... | Water is allowed to outsiders and to run to waste... | " |
| E | ..... | 622 | Bhendy Bazar, Parel Road. | Purmanundass Jeewandass ..... | Meter to be fixed as the house is pulled down..... | 23-8-88. |
| E | ..... | 58 | Race Course..... | Hirjibhoy Rutonji ..... | Meter to be fixed as the house is pulled down and water run to waste. | " |
| E | ..... | 35-37 | Temker Street..... | Ahmed Abdula Hasam ..... | Meter to be fixed as the house is pulled down..... | 4-9-88. |
| B | 3449 | 5 | Ali Mahomed Khan Street. | The owner of the house..... | Water is allowed to be used in the stable under Ward No. 3446, Street No. 1—2, in the same street. | 14-9-88. |
| B | 2038 (2) | 13-17 | Mirchi Lane ..... | Khatu Wagjee..... | Water is allowed to be used by the occupiers of the adjoining houses. | " |
| B | 2036 | 7-10 | 1st Kumbarwada Cross Lane. | Jetibai, wife of Bija Damji ..... | Water is allowed to outsiders and run to waste ..... | 13-9-88. |
| B | 2037 | 11-15 | Do. | Raoji Bhimji ..... | Water is allowed to outsiders and to waste ..... | 14-9-88. |
| B | 1108 | 4-6 | Chinch Bunder Row.. | Sorabji Jamsetji Bhagawaghur... | Water is allowed to run to waste ..... | " |
| B | 2963 | 32-36 | Tantanpura ..... | Visram Gangji..... | Water is allowed to outsiders and run to waste..... | " |
| E | 2174 | 27 | Kamateepoora 15th Street | The owner or occupier of the house, | Water is allowed to be used by the inmates of Ward No. 2175 in the same street. | 2-10-88. |
| D | 234 | 1 | Girgaum Road..... | J. R. Dias,..... | Water is allowed to run to waste as the house is demolished and used for building. | 3-10-88. |
| | 7661 | 416 | Parel Road ..... | Bhimji Hariram ..... | Water is used for building purpose ..... | 5-10-88. |
| | 3593-3596 | 296-7-10 11, 13, 14, 23 | Umarkhady Road ... | Khoja Mahomedbhoy.. ..... | Do. do. ..... | " |
| B | 2035 | 56 | 1st Kumbarwada Cross Lane. | Purdan Premji..... | Water is allowed to be used by the occupiers of the adjoining house, Ward No. 2034. | " |

| Ward. | Ward No. | Street No. | Street. | Owner or Occupier. | Reason. | Notice served. |
|---|---|---|---|---|---|---|
| B | 1558 | 52-56 | Old Bengalpura Street. | Dever Dewji Thaker ..... | The water tap is kept under the plinth and water allowed to run to waste. | 5-10-88. |
| B | 1540 | 47-53 | Do. ..... | Ibrahim Haji Hasam..... | Do. do. do. ... | " |
| C | 87 | 468 to 476 and 33 to 43 | Abdool Rehmon and Musjid Bunder Road. | Kessowji Jadowji ..... | Service pipe is out of order ..... | 11-10-88. |
| C | 3537 | 33-35 | Madhow Shunker Lane. | Gunputrao Chintoba ..... | Bibcock is out of order and requires a new one to be fixed in its place. | 8-10-88. |
| C | 7110 | 65-87 | Mutton Street ..... | Pamboo, widow of the late Tana Sarung. | Stopcock is out of order ..... | 14-10-88. |
| C | 7307 | 242-244 | Khoka Street ..... | Memon Sareo Suleman ..... | Do. ..... | " |
| C | 5871 | 177-179 | Caji Street, New..... | Radabai, wife of Sudoo Malsi... | Do. ..... | " |
| C | 6065 | 92-94 | Ally Woomer Street. | Mali Haji Ahmed valud Haji Alemeya. | Service pipe is out of order..... | " |
| D | 1114 | 61 | Girgaum Oart ..... | Jogonnath Madhowji..... | Stopcock is out of order and the connection should be transferred to the new main opposite the house. | 13-10-88. |
| D | 1118-1119 | 65-66 | Do. ..... | Dhakji Heeraji and Harichund Dhackji. | Do. do. do. do. ... | " |
| D | 1117 | 64 | Do. ..... | Shewram Moroba ..... | Do. do. do. do. ... | " |
| G | 470 | 30 | Warli Koliwada ..... | SeBastio J. D. Silva ..... | To remove the $\frac{3}{4}$ ft. taper tap which has been fixed in place of the $\frac{1}{2}$" screw down tap. | 14-10-88 |
| G | 472 | 31 | Do. ..... | Antonio D. Silva..... | Do. do. do. ..... | " |
| G | 3641 | 4 | Dadur Road..... | Abdool Husen Shaik Adum..... | Bibcocks and stopcocks are out of order ..... | " |
| G | 3073 (2 & 3) | 537 A & 537 B | Purbhadevi Road ... | Nagoo Sayaji ..... | Bibcock is out of order ..... | " |
| G | 5262, 5267, 5271 | 2, 7 & 11 | Mahim Durga Street. | Memon Juma Sab Mahamed and others | Stopcock is out of order ..... | " |
| G | 5280 | 20 | Durga Street ..... | Manji Ahmed Rondiani ..... | Bibcock is out of order..... | " |
| G | 5354 | 228 | Mahim Custom Road. | Haji Oosman Haji Chutani..... | Stopcock is out of order ..... | " |
| G | 5411 | 29 | Mahim Bazar Road... | Morally Premji ..... | Do. do, ..... | " |
| A | ..... | 47 | Frere Road ..... | Sorabji Dossabhoy..... | To put on a new stopcock box as the old one is broken. | 7-10-88. |
| A | New building. | | Do ..... | The owner of the house ..... | To put on a new stopcock box as the old one is broken. | " |
| A | ..... | 89 | Do. ..... | Do. ..... | There is no lid over the stopcock box ..... | " |
| A | New building. | | Do. ..... | Jumnadas Premji ..... | Do. do. ..... | " |
| A | Do. | ..... | Goa Street ..... | Pallonji Sorabji ..... | Stopcock box is broken ..... | " |
| A | ..... | 28 | Karwar Street..... | Hormusji Merwanji Nariel-walla. | Do. do. ..... | " |
| A | New building. | | Frere Road ..... | The owner of the house..... | Do. do. ..... | " |

| Ward. | Ward No. | Street No. | Street. | Owner or Occupier. | Reason. | Notice served. |
|---|---|---|---|---|---|---|
| A | ..... | 51 | Frere Road ..... | The owner of the house..... | Two stopcocks are out of order ..... | 7-10-88. |
| A | ..... | 92 | Do. ..... | Muncherji Merwanji Nariel-walla. | Bibcocks are out of order ..... | " |
| C | ..... | 48 | Charniwadi ..... | The owner of the house ..... | Stopcock is out of order ..... | " |
| C | ..... | 32 | Sonapur Lane ..... | Do. ..... | Bibcock is out of order..... | 9-10-88. |
| C | ..... | ..... | Do. ..... | Do. ..... | Do. do. ..... | " |
| C | ..... | 3 | Agiary Street ..... | Pemjiwan Jagooshaw ..... | There is no stopcock box . ..... | 14-10-88. |
| C | ..... | 6 | Do. ..... | Valubdass Balmakoond ..... | Stopcock is out of order ..... | " |
| C | ..... | 46 | Vithalwady ..... | Govindram Dwarkadass ..... | Two bibcocks are out of order ..... | " |
| C | ..... | 73 | Do. ..... | Narotumdass Hansraj ..... | Service pipe is out of order..... | " |
| C | ..... | 59 | 1st Marine Street ... | Dhanjibhoy Rastomji ..... | Stopcock is out of order ..... | " |
| C | ..... | 44 | Do. ... | Gangabai Gowlin ..... | Service pipe is out of order..... | " |
| C | ..... | 58 | Do. ... | Rastomjee Jewanji..... | Bibcocks and stopcocks are out of order ..... | " |
| C | ..... | 10 | Do. ... | Do. ..... | Service pipe and stopcock are out of order..... | " |
| B | ..... | 71-79 | Dongri Cooly Street. | Hirjeebhoy Hormusjee ..... | Stopcock is out of order ..... | 9-10-88. |
| B | ..... | 43 | Do. ... | Alibhoy Badarbhoy ..... | Do. do. ..... | " |
| B | ..... | 12 | Do. ... | Rama Cumliar..... | Do. do. ..... | " |
| B | ..... | 40-42 | Chackla Street ..... | The owner of the house ..... | Bibcock is out of order ..... | " |
| B | ..... | 22 | Bibijan Street..... | Chatoorbhooj Moorarjee ..... | Do. do. ..... | 12-10-88. |
| C | ..... | 92 | Ally Oomer Street... | Hajee Ahmed ..... | Service pipe is corroded and requires changing..... | 13-10-88. |
| C | ..... | 130 | Musjid Street ..... | The Manager of the Musjid ... | Stopcock is out of order and requires a new box over the stopcock. | 14-10-88. |
| C | ..... | 126 | Do. ..... | The owner of the house... ..... | Stopcock is out of order ..... | " |
| C | ..... | 172 | Bapu Khote Street... | Do. ..... | Requires a new box over the stopcock..... | " |
| C | New building | ..... | Do. ... | Noor Mahomed Hajee ..... | Stopcock is out of order and requires a new box over it. | " |
| C | ..... | 106 | Do. ... | The owner of the house ..... | Bibcock is out of order..... | " |
| C | ..... | 116 | Do. ... | Do. ..... | Requires a new box over the stopcock ..... | " |
| C | ..... | 155 | Musjid Street ..... | Do. ..... | Stopcock is out of order ..... | " |
| B | ..... | 50 | Narayen Dhuru Street. | Atmaram Ballajee ..... | Do. do. ..... | " |
| B | ..... | 23 | Do. ... | Janardhan Atmaram ..... | Do. do. ..... | " |

S. TOMLINSON, M.I.C.E.,

*17th October* 1888.

Deputy Executive Engineer, in Charge Water Works.

It was agreed that the consideration of memorandum No. 12228, from the Acting Municipal Commissioner, be postponed, and that the Municipal Secretary be directed to inform the persons mentioned in the statement accompanying the above memorandum that the Standing Committee propose to sanction, at their next meeting, the cutting off of the water supply in question, under Section 279 of the Municipal Act III. of 1888, but that if the persons named in the statement desire to make any representation in the matter they can do so before the next meeting of the Committee.

No. 4981. *Resolved :* "That, as applied for by the Acting Municipal Commissioner, in his letter No. 11934, dated 11th instant, sanction be given to the transfer of Rs. 1,815, from savings in Section I, Establishment, Fire Brigade Budget, to Section XI, Pension Contribution payable to Government, same Budget, to meet excesses in the said grant for pension contribution, till the end of the current financial year."

The consideration of application for sanction to the cost of certain proposed works in connection with the Carnac Bandar night-soil depôt was postponed.

No. 4982. *Resolved :* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 12003, dated 12th instant, sanction be given, under Section 169 (*b*) of the City of Bombay Municipal Act III. of 1888, to the charging of Rs. 97-3-2, for water supplied to the bungalow at Dhunji Street, Ward No. 2441, Street No. 466, the property of Messrs. Dadabhoy Nusserwanjee and Ardaseer Byramjee, as compounded rate, which is equivalent to the water rate on the valuation for one year of the above property."

No. 4983. *Resolved :* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 12061, dated 13th instant, sanction be given, under Rule XXII of the Pension Fund Rules, to the payment of compassionate allowance of Rs. 153-7-4 to the widow and the son (Mahabeer Sunkersing) of Sunkersing Bhyrosing, late havildar, Municipal Commissioner's office. The net service of the deceased was 21 years, 10 months and 5 days."

*Resolved*: "That the following be printed on the minutes of this meeting :— No. 4984.

"Memorandum No. 12063, dated 13th instant, from the Acting Municipal Commissioner, forwarding letter No. 2112, dated 10th idem, together with the quarterly returns, as follows :—

"SIR,—I have the honour to forward, for transmission to the Standing Committee, a quarterly return for the quarter ending 29th September 1888, as compared with the corresponding quarter for the previous year, as required by the then Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during that quarter.

"The amount of unappropriated surplus cash balance at the end of the past quarter, exclusive of the 6 per cent. local Loans Sinking Fund Surplus, was about two lakhs of rupees.

"I have, &c.,
"SORABJEE NAVAROJI COOPER,
"Chief Accountant."

## ACCOUNT OF THE BOMBAY MUNICIPALITY

As compared with that for the

| | Budget Estimate. | Quarter ending 24th Sept. 1887. | Quarter ending 29th Sept. 1888. | TOTAL. |
|---|---|---|---|---|
| **RECEIPTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Opening Balance* ... ... | 5,43,000 0 0 | 1,21,801 6 0 | 99,104 2 8 | ..... |
| Consolidated Rate ... ... | 14,27,000 0 0 | 1,41,590 15 11 | 1,43,538 4 1 | |
| Water Works Revenue (including water rate) ... | 8,82,700 0 0 | 1,87,347 10 8 | 2,29,273 3 3 | |
| Conveyance Licenses ... | 4,200 0 0 | 4,049 12 9 | 3,933 9 5 | |
| „ Wheel Tax ... | 3,06,000 0 0 | 54,948 1 0 | 64,281 4 0 | |
| „ Tolls Fees ... | 15,800 0 0 | 2,000 4 0 | 3,044 12 0 | |
| Halalcore Cess ... ... | 3,71,000 0 0 | 59,634 7 9 | 57,855 4 4 | |
| Duties, Town ... ... | 7,89,000 0 0 | † 25,091 6 1 | 68,763 5 7 | |
| „ Tobacco ... ... | 1,80,000 0 0 | 29,880 0 0 | 32,297 7 2 | |
| „ Liquor Licenses ... | 1,43,750 0 0 | ..... | ..... | |
| Market Receipts ... ... | 2,70,600 0 0 | 68,683 1 5 | 73,059 9 4 | |
| Miscellaneous Fees ... ... | 81,000 0 0 | 18,124 7 11 | 17,782 11 5 | |
| „ Receipts ... | 78,600 0 0 | 22,164 8 2 | 23,132 5 10 | |
| „ Fines... ... | 8,600 0 0 | 2,474 13 8 | 2,420 12 4 | |
| „ Savings ... | 3,000 0 0 | † 485 1 10 | 1,153 8 5 | |
| Public Gardens ... ... | 8,000 0 0 | 1,479 12 6 | 1,754 3 2 | |
| Fire Insurance Companies... | 32,000 0 0 | 15,612 8 0 | 4,097 0 0 | |
| Contribution from Municipal Servants towards Pension, &c., Fund ... ... | 10,000 0 0 | 3,022 2 5 | 3,424 1 6 | |
| Tramway Rent ... ... | 35,500 0 0 | ..... | ..... | |
| | 46,46,750 0 0 | 5,85,436 2 3 | 7,29,811 5 10 | |
| Debt ... ... ... ... | ..... | 17,00,000 0 0 | 8,00,000 0 0 | |
| Workshops ... ... ... | ..... | ..... | 7,767 4 0 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 20,13,818 0 7 | 2,62,200 0 0 | |
| Advances ... ... ... | ..... | 22,454 7 7 | 1,54,563 14 11 | |
| Deposits ... ... ... | ..... | 54,822 13 2 | 87,496 1 1 | |
| Rupees ... | 46,46,750 0 0 | 43,76,531 7 7 | 20,41,838 9 10 | |
| Total Rupees... | 51,89,750 0 0 | 44,98,332 13 7 | 21,40,942 12 6 | |

† Debits and Credits deducted.

## FOR THE QUARTER ENDING 29TH SEPTEMBER 1888.

Quarter ending 24th September 1887.

| | Budget Estimate. | Quarter ending 24th Sept. 1887. | Quarter ending 29th Sept. 1888. | TOTAL. |
|---|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,70,177 0 0 | 44,508 14 1 | 36,245 11 5 | |
| Assessment and Collection Department ... ... | 1,98,081 0 0 | 53,824 1 3 | 46,749 9 6 | |
| General Police (including Police Hospital) ... ... | 2,61,352 0 0 | 65,337 1 9 | 64,628 12 5 | |
| Fire Brigade... ... ... | 1,16,087 0 0 | 9,729 9 5 | 16,674 8 8 | |
| Health Department... ... | 11,57,351 0 0 | 2,28,352 9 5 | 2,61,892 15 7 | |
| Public Works. Establishment ... ... | 1,14,916 0 0 | 26,024 0 3 | 28,642 10 2 | |
| Lighting ... ... | 3,05,004 0 0 | 50,142 15 3 | 48,551 8 11 | |
| Watering ... ... | 86,463 0 0 | 6,843 3 8 | 10,322 6 4 | |
| Repairs, Roads... ... | 4,52,496 0 0 | 73,423 1 1 | 1,11,925 15 0 | |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 25,000 0 0 | ..... ... | 5,512 7 11 | |
| Repairs, Buildings ... | 6,000 0 0 | 150 0 0 | 366 5 6 | |
| Improvement of Streets | 1,00,000 0 0 | 4,871 6 10 | 15,056 5 9 | |
| Water Works ... ... | 1,61,400 0 0 | ‡ 1,33,566 5 1 | ‡ 3,94,391 2 9 | |
| Drainage ... ... | 99,852 0 0 | 20,197 7 5 | 29,024 3 1 | |
| Public Gardens ... | 63,200 0 0 | 8,050 0 0 | 10,335 5 6 | |
| New Works and Reserve Funds, &c.... ... ... | 1,00,000 0 0 | 37,613 7 5 | 41,733 12 7 | |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 97,408 0 0 | 20,716 2 7 | 25,828 2 11 | |
| Education (including Veterinary College, &c., Contribution) ... ... ... | 50,398 0 0 | 8,039 3 4 | 14,753 9 7 | |
| Debt ... ... ... ... | 14,85,000 0 0 | 9,10,044 5 9 | 6,46,167 1 8 | |
| | 50,50,185 0 0 | 17,01,433 14 7 | 18,08,802 11 3 | |
| Workshops ... ... ... | ..... | 12,226 7 4 | 31,755 11 5 | |
| Loan Works ... ... ... | ..... | † 43,454 4 5 | 25,472 13 9 | |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 23,42,371 15 2 | 48,000 0 0 | |
| Advances ... ... ... | ..... | 77,095 5 1 | 1,06,684 1 5 | |
| Deposits ... ... ... | ..... | 1,21,513 14 10 | 56,099 11 5 | |
| Rupees... | 50,50,185 0 0 | 42,11,187 4 7 | 20,76,815 1 3 | |
| Closing Balance ... ... | 1,39,565 0 0 | 2,87,145 9 0 | 64,127 11 3 | |
| Total Rupees... | 51,89,750 0 0 | 44,98,332 13 7 | 21,40,942 12 6 | |

† Debits and Credits deducted.

‡ Includes Rs. 82,559-3-7 and Rs. 3,60,911-1-4 respectively paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works executed out of Loan Funds.

List of additional grants sanctioned by the Corporation during the quarter ending 30th September 1888.

| Resolution No. | Date. | | Amount. |
|---|---|---|---|
| | 1888. | | Rs. a. p. |
| 3278 | 23rd July | Grant of Rs. 20,000 from surplus cash balance to meet the cost of meters of sizes to be hired out to consumers at sanctioned rates. The charge to be debited to Water Works Stock and thereafter adjusted against the stock receipts from the sale or letting of the meters ... | 20,000 0 0 |
| 3526 | 30th July | Grant of Rs. 220-11-7 from surplus cash balance to meet the cost of completing the connection between the water main and the Sir George LeGrand Jacob Memorial Fountain ..... | 220 11 7 |
| 3807 | 9th August | Grant of Rs. 825 from surplus cash balance to provide for the cost of 10 marble slabs for 10 fish stalls in Crawford Markets..... ..... ..... | 825 0 0 |
| 4265 | 13th Sept. | Lapsed Grants for the year 1887-88, aggregating Rs. 5,25,940-15-8, as per statement accompanying the Acting Municipal Commissioner's No. 8465, renewed (The detailed statement is attached to the Town Council Resolution No. 3857, dated 15th August 1888) ..... ..... | 5,25,940 15 8 |
| 4266 | Do. | An advance of Rs. 18,127-3-5 from surplus cash balance to be adjusted hereafter to the debit of the Loan to be raised for the extension of Erskine Road Market to meet the amount calculated at 25 years' purchase of the abatement of Government revenue of the land at Erskine Road taken up for such extension .. .... . | 18,127 3 5 |
| | | | 5,65,113 14 8 |

The following were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 7th and 14th October 1888.*

Read and *recorded* memorandum No. 12074, dated 13th instant, from the Acting Municipal Commissioner, forwarding the following return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1888. | | | | Rs. | |
| 5th Oct. | Mahaluxmi. | House property. | Balloo Bhiva. | 15 | Carelessness. |

* *See* Appendix B.

BOMBAY, *24th October* 1888.

AT the meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. NANABHOY B. JEEJEEBHOY, Esq ; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; The Hon. Mr. RAHIMTULA MOHAMED SAYANI, M.A., LL.B. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the MUNICIPAL SECRETARY.

The minutes of the meeting, held on the 17th instant, were signed.

No. 5011.—Considered again application made at the last meeting of the Standing Committee, by the Acting Municipal Commissioner, in his memorandum No. 12228, dated 17th instant, for sanction to the severance of water connections.

Read the following :

Letter, dated 19th instant, from the executor of the late Mr. Runchordas Tulsidas, stating, with reference to the Municipal Secretary's letter No. 4761, dated 11th idem, that the instructions to the servants were that no water should be allowed to outsiders from the water connection at Kazi Syud Street, and that since the receipt of the above letter the writer has repeated them in order to prevent the recurrence of what is complained of.

Letter, dated 22nd instant, from Mr. Vasudeva Jugannath, asking that sanction may not be given to the cutting off of water connection from his oart at Dadur Road, as he has replaced new cocks for old ones thereat.

The Municipal Secretary read several other letters to the like effect from other persons who had been written to by order of the Standing Committee, and reported that in respect of the 74 persons written to since last meeting of the Committee, 38 receipts were received from the Post Office together with 4 endorsements of "refused."

Letters from 9 of the persons so written to had been received and forwarded to the Deputy Executive Engineer for remarks, who now reports that out of the whole number of notices, 52 have been complied with.

It was now agreed that sanction be given, under Section 279 of the Municipal Act III. of 1888, to the cutting off of the water connections from the following 22 properties, the

owners of which have not complied with the requirements of the Water Works Department.

| Ward. | Ward No. | Street No. | Street. | Owner or occupier. |
|---|---|---|---|---|
| E | ..... | 622 | Bhendy Bazar, Parel Road. | PurmanundasJeewandass. |
| B | 3449 | 5 | Ali Mahomed Khan Street. | The owner of the house. |
| B | 2038 (2) | 13-17 | Mirchi Lane..... | Khatu Wagjee. |
| B | 2036 | 7-10 | 1st Kumbarwada Cross Lane. | Jetibai, wife of Bija Dhamji. |
| B | 2037 | 11-15 | Do. | Raoji Bhimji. |
| | 7661 | 416 | Parel Road ..... | Bhimji Hariram. |
| | 3593-3596 | 296-7.10, 11,13,14,23 | Umarkhady Road .. | Khoja Mahomedbhoy. |
| B | 2035 | 56 | 1st Kumbarwada Cross Lane. | Purdan Premji. |
| B | 1558 | 52-56 | Old Bengalpura Street. | Dever Dewji Thaker. |
| B | 1540 | 47-53 | Do. | Ibrahim Haji Hasam. |
| C | 7307 | 242-244 | Khoka Street ..... | Memon Saroo Sulimau. |
| D | 1114 | 61 | Girgaum Oart ..... | Jogonnath Madhoji. |
| D | 1118-1119 | 65-66 | Do. ..... | Dhakji Hiraji and Harichand Dhakji. |
| D | 1117 | 64 | Do. ..... | Shewram Maroba. |
| G | 470 | 30 | Warli Koliwada ..... | SeBastio J. D. Silva. |
| G | 472 | 31 | Do. ..... | Antonio D. Silva |
| A | New building | ..... | Frere Road ..... | The owner of the house. |
| A | Do. | ..... | Goa Street ..... | Pallonji Sorabji. |
| A | ..... | 28 | Karwar Street ..... | Hormusji Merwanji Narielwala. |
| A | ..... | 92 | Frere Road ..... | Muncherji Merwanji Narielwala. |
| C | ..... | 58 | 1st Marine Street ... | Rastamji Jewanji. |
| C | ..... | 10 | Do. ... | Do. |

The Acting Municipal Commissioner handed in Statement prepared by the Deputy Executive Engineer (dated 24th instant), and asked sanction, under Section 279, to the severance of the connections therein mentioned.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Cowasjee Hormusjee, Esq.—

"That in future before the Municipal Commissioner applies for sanction to the severance of water connections, he be requested to give notice thereof to the person against whom he intends to apply for such severance, and if the said person or persons do not give, within three days of the service of such notice, satisfactory explanation to the Commissioner, he then apply for the sanction of the proposed severance.

"That the statement of cases received this day, from the Acting Commissioner, be returned to him for disposal in accordance with this Resolution."

*Carried.*

The application for sanction to the payment of advances to provide for cost of postage of letters *re* severance of water connections and of printing charges in the matter was *withdrawn.*

No. 5012. *Resolved :* "That the Progress Reports up to the end of August 1883, of new works now in course of construction, be *recorded*."*

Considered again memorandum No. 11946, dated 11th instant, from the Acting Municipal Commissioner, asking that the Corporation may be recommended to sanction the expenditure of Rs. 1,521, to meet the cost of certain proposed works in connection with the Carnac Bandar Night-soil Depôt, adding that it is of great importance to the Municipality, that all cause of complaint as regards this Depôt should be, so far as possible, removed.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5013. "That the Corporation be recommended to sanction the expenditure of Rs. 1,521, to meet the cost of the following proposed works in connection with the Carnac Bandar Night-soil Depôt:—

| | | Rs. | a. |
|---|---|---|---|
| 1. | Masonry ventilating shaft ..... | 309 | 8 |
| 2. | Gas pipes and jets..... | 20 | 0 |
| 3. | Raising walls between the Infantry lines and the Night-soil Depôt ..... | 918 | 4 |
| 4. | Planting trees ..... | 135 | 0 |
| | | 1,382 | 12 |
| | *Add* 10 per cent..... | 138 | 4 |
| | Total.....Rs. | 1,521 | 0 |

"The cost to be debited to the allotment of one lakh for new works for the current year."

*Carried.*

No. 5014. The seal of the Corporation was affixed to conveyance from Bachoobai, widow and executrix of Dorabjee Burjorjee Cooper, of ground taken up for the improvement of Abdul Rahman Street.

Read letter No. 12428, dated 20th instant, from the Acting Municipal Commissioner, to the Municipal Secretary, as follows :—

SIR,—I have the honour to forward a list marked **A**, giving the names of streets in which arcades have not hitherto been allowed, but where it seems desirable to allow them in future, and in order to enable me to give the necessary permits, I request that the Corporation be recommended to accord their sanction under Section 310 (2).

I also forward a statement marked **B**, giving names of streets in which arcades have already been allowed, but in order to prevent doubts as to legality, it is as well that arcading in these streets should also be formally sanctioned by Corporation.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

* *See* Appendix C.

**A** List of streets in which arcades have not hitherto been allowed, but where it is proposed to allow them in future—
1. Fort Street. 2. Carnac Road. 3. Parel Road from Paidhoni northwards. 4. Grant Road.

**B** List of streets in which arcades have already been allowed—
1. Rampart Row. 2. Esplanade Road. 3. Hornby Road. 4. Fuller Road. 5. Elphinstone Circle. 6. Colaba Causeway. 7. Abdul Rahman Street.

It was agreed that the consideration of the question of arcading as above, be postponed for a fortnight.

No. 5015. *Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 12391, dated 19th instant, sanction be given under Section 69, Clause (C) of the Municipal Act III. of 1888, to the renewal of lease from Bai Perozbai, widow of Dhunjeebhai Dosabhai Mama, of her premises at Foras Road, occupied by the Health Department, for chawls and stables, at a monthly rental of Rs. 350 (the same rate as at present) for the term of 5 years and 2 months, from 1st January 1889."

No. 5016. *Resolved:* "That, as proposed by the Acting Municipal Commissioner, in his letter No. 12714, dated 24th instant, sanction be given to the acceptance of the tender of Mr. Bhomaji Shivaji—the lowest of 6 tenders received—for the construction of a road on the west side of Mahalakshmi station, at a cost of Rs. 21,935, *plus* Rs. 1,065, as contingencies, total Rs. 23,000, against the grant of Rs. 23,000, provided in the Budget for the current year."

Read the following :—

22*nd October* 1888.

*Report of the Works Committee regarding the proposed widening of parts of DeLisle, Currey and Fergusson Roads, and the making of a new road through Nowrojee Hill, from Elphinstone Bridge to Dongri Street.*

Resolution of the Corporation No. 4573, dated 4th instant, as follows :—
"That the following be referred to the Standing Committee for consideration and report :—Letter from the Acting Municipal Commissioner, No. 10013, dated 8th September 1888, asking that DeLisle, Currey and Fergusson Roads may be widened at the points where the overbridges will be constructed, to the following widths to allow of the reservation of the land required for the high level bridge and the side approaches to the existing properties adjacent :—of DeLisle Road at a width of 92 feet, of Currey Road at 82 feet, and of Fergusson Road at 82 feet, as shown in the tracing marked A, dated 4th October 1888."
No. 4964. It was agreed that the Resolution of the Corporation, No. 4573 of 1888-89, be referred to the Works Committee for report.

1. With reference to the Resolutions as per margin, passed by the Standing Committee on the 17th instant, the

No. 4969. On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by the Chairman, it was agreed that the revised estimate of cost of road through Nowrojee Hill from Elphinstone Bridge to Dongri Street amounting to Rs. 5,99,629, including cost of frontage on both sides for the formation of road, submitted by the Acting Municipal Commissioner, under his letter No. 11807, dated 9th instant, be referred to the Works Committee for report.

Works Committee beg to report as follows :—

2. With the view to providing the land which will be necessary in future for the overbridges in question, the Corporation should be recommended to approve and sanction the following arrangements, under the terms of Section 289 (2) of the City of Bombay Municipal Act.

3. To the laying down of the lines of the following streets, and to the widening thereof, namely, the DeLisle Road, the Currey Road and the Fergusson Road, to the extent shown on the tracing marked A, dated 4th October, 1888, accompanying the Acting Municipal Commissioner's letter No. 10013 of 8th September last.

4. To the sanctioning of the taking up of the land and buildings shown on the plan required for such widening at a cost of Rs. 1,02,750 to the debit of Loan charges.

5. To the sanctioning also of the taking up, if necessary, under the Land Acquisition Act of such land and buildings.

6. To these arrangements being sanctioned without prejudice to the right of the Corporation to recover the whole or part of the outlay in question from the two Railway Companies or from Government, as the case may be.

7. Regarding the Standing Committee's Resolution No. 4969, dated 17th instant, the Works Committee are of opinion that the estimate prepared by the Acting Municipal Commissioner of the cost of making a road through Nowrojee Hill from Elphinstone Bridge to Dongri Street, and of purchasing ground to be afterwards re-sold by the Municipality for frontages of houses, as shown on the plan marked B, and dated this day, amounting to Rs. 5,99,629, appears to be a reliable one on which the Corporation can act.—DOSABHAI FRAMJI, Chairman.

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 5017. "That the report of the Works Committee, dated 22nd instant, regarding the proposed widening of parts of DeLisle, Currey and Fergusson Roads be approved.

"That, with the view of providing the land which will be necessary in future for the overbridges thereat, the Corporation be recommended to approve and sanction the following arrangements, under the terms of Section 289 (2) of the City of Bombay Municipal Act III. of 1888 :—

"To the laying down of the lines of the following streets, and to the widening thereof, namely, the DeLisle Road, the Currey Road and the Fergusson Road, to the extent shown on the tracing marked A, dated 4th October 1888, accompanying the Acting Municipal Commissioner's letter No. 10013 of 8th September last.

"To the sanctioning of the taking up of the land and buildings shown on the plan, required for such widening at a cost of Rs. 1,02,750, to the debit of loan charges.

"To the sanctioning also of the taking up if necessary, under the Land Acquisition Act, of such land and buildings.

"To these arrangements being sanctioned without prejudice to the right of the Corporation, to recover the whole or part of the outlay in question, from the two Railway Companies, or from Government, as the case may be."

*Carried.*

Proposed by the Chairman, seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 5018. "That, as recommended by the Works Committee, the Corporation be recommended to sanction the expenditure of Rs. 5,99,629, to provide for the cost of a road through Nowrojee Hill, from Elphinstone Bridge to Dongri Street, and of purchasing ground thereat, to be afterwards re-sold by the Municipality for frontages of houses on the new street as shown on the plan marked B, and dated 22nd instant, accompanying the Acting Municipal Commissioner's letter No. 11807, dated 9th idem, the cost to be met, from available balances, to be adjusted, to the debit of loan, subject to the sanction of Government being obtained to the raising of such loan."

*Carried.*

No. 5019. *Resolved*: "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 12518, dated 22nd instant, sanction be given to the transfer of Rs. 6,296-12-9, from savings in Conservancy Branch, Section X, Halalkhor Branch, B, Labour, Health Department Budget, to Section IV., Repairs, same head, same Budget, to meet the cost of repairing the usual openings in roads for drain cleaning."

No. 5020. On the application of the Acting Municipal Commissioner, made in his memorandum No. 12371, dated 18th instant, sanction was given to the expenditure of Rs. 125, to provide for the cost (1) of Rs. 100, for labour for preparing ground in Victoria Gardens in order to sow lucerne grass seed therein, and (2) of Rs. 25, for lucerne grass seed. The cost to be debited to Section II., Contingencies and Stores (feed of animals, Victoria Gardens, Public Gardens Budget).

*Resolved* : " That, as proposed by the Acting Municipal
No. 5021. Commissioner in his letter No. 12671, dated 23rd instant, the Corporation be recommended to sanction the payment of Rs. 1,900, from Surplus Cash Balance, to meet the value of 144 cisterns taken into drainage stock from the Municipal Workshops. The cisterns to be issued at Rs. 14 each as occasion requires, and the amount to be adjusted by sale, or by debit to works on which they may be used."

It was agreed that the consideration of Report of the
No. 5022. Sub-Committee on the question of the leakage of Malabar Hill and Bhandarwada (John Hay Grant) Reservoirs be postponed, and that the report be printed and circulated to Members of the Standing Committee, and that the précis accompanying the report be circulated for perusal.

*Resolved* : " That, as recommended by the Acting Muni-
No. 5023. cipal Commissioner in his memorandum No. 12436, dated 20th instant, the Standing Committee approve under Section 172 of the Municipal Act III of 1888, to the levy of Rs. 51-12-0 per mensem, from 1st to 20th September 1888, both inclusive, and Rs. 94-6-0 per mensem, from 21st September 1888, for special halalkhor service to the Sirdar's Mansions, Apollo Bandar."

Read memorandum No. 4990, dated 20th instant, from the Municipal Secretary, forwarding, for favour of remarks by the Standing Committee, petition to the Corporation, dated 17th idem, from Chaibai Maleen, Kasibai Kali, and other vegetable dealers, holding stalls in Arthur Crawford Markets, complaining of the increased rent, Rs. 19 per stall per quarter, charged for the stalls occupied by them therein, and praying that the former rate, Rs. 16 per stall, may be reverted to.

*Resolved* : "That the Corporation be recommended to refer
No. 5024. the petitioners to the memorandum No. 4382, dated 27th September 1888, which the petitioners received from the Municipal Secretary, to the effect that the increase in the rent of their stalls is reasonable."

Read letter, dated 15th October 1888, from Camblia Posha, praying that Bhandarwada Cross Lane, Mandvi, may be provided with lights.

Also memorandum No. 12743, dated 24th instant, from the Acting Municipal Commissioner, stating that, as the Acting Executive Engineer is of opinion that two lights are necessary in the locality, he has been requested to include these in his list of new lights for the next year.

*Resolved*: "That, in reply to his letter, dated 15th instant,
No. 5025. Mr. Camblia Posha be informed that provision has been made by the Acting Municipal Commissioner in the new Budget (1889-90) for lighting the lane in question."

On the motion of the Hon'ble Mr. Rahimtula Mohamed
No. 5026. Sayani, seconded by Cowasjee Hormusjee, Esq., it was agreed that the consideration of design of chair for the President of the Corporation at a cost of Rs. 150 be postponed *sine die*.

*Ordered*: That the following be laid on the table:—
No. 5027. Letter, dated 22nd instant, from Messrs. Ardeseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for September last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

On the application of the Acting Municipal Commis-
No. 5028. sioner, made in his memorandum No. 12745, dated 24th instant, sanction was given to the transfer of Rs. 96, from savings in Section II, Office Establishment, Assessment and Collection Department Budget, to Section I, Salary of Assessor and Collector, same Budget, to provide for payment of deputation allowance to Mr. Virprasad Tapiprasad for acting for the Assessor and Collector during the absence of the last-named officer on privilege leave for 18 days from 14th instant.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 21st October 1888.*

Proposed by Cowasjee Hormusjee, Esq., seconded by the Chairman—

"That, as applied for by the Acting Municipal Commis-
No. 5029. sioner in his memorandum No. 12744, dated 24th instant, sanction be now given to the insertion of figures and words '978·68 square yards' in

* *See* Appendix B.

place of the figures and words '1007 square yards' in the late Town Council's Resolution No. 1086, dated 16th May 1888."

*Carried.*

No. 5030. Read and *recorded* memorandum No. 12646, dated 23rd instant, from the Acting Municipal Commissioner, forwarding, for information of the Standing Committee, letter No. 877, dated 22nd idem, as follows:—

SIR,—I have the honour to submit herewith a short progress report of the Tansa Works for the months of August and September 1888. This being the second progress report for the monsoon months, the only progress of any consequence made during the monsoon has been on the iron bridge work and tunnelling.

DAM.—No progress during the months of August and September 1888. A small force was engaged in quarrying stone for next season's operations.

DUCT.—The only progress made worth special mention, has been on the tunnelling, and at the Bassein Creek Bridges. 525 lin. ft. of tunnelling was done during the two months under report, partly by hand and partly by machinery. A set of tunnelling machinery has been got to work at south face of tunnel No. 7, making the second set now at work. A third set was also started, but owing to some alterations being found necessary in arrangement of the boilers working the same, a delay has been caused. Other tunnel machinery is also being erected.

BASSEIN CREEK Bridge No. 3, consisting of iron columns and four spans of 100 feet each, is now practically complete, and very fair progress has been made with Bridges Nos. 1 & 2.

Diagrams showing progress on Tunnelling and Bridges to end of September last, are submitted herewith.

Some TRAMWAY was laid, and a small quantity of excavation done.

CAST IRON PIPES.—No further deliveries have to be reported.

DIAGRAMS.—The Dam and Duct Diagrams are not submitted there being practically no progress to be shown.

The Tunnel and Bridge Diagrams are submitted as mentioned above.—I have, &c., T. C. H. WHITE, C. E., *For* Executive Engineer, Tansa Water Works.

No. 5031. Read and *recorded* letter No. 12673, dated 23rd instant, from the Acting Municipal Commissioner, reporting under Section 69, Clause (*d*), of the Municipal Act III of 1888, that he has authorized the purchase from Messrs. Khursedji and Sons, of five pairs of bullocks for the Market Department, at a cost not exceeding Rs. 200 per pair. The charge to be debited to the Budget grant for Meat Carriage, Section 5 (purchase of live stock), Market and Slaughter Houses, Health Department Budget.

BOMBAY, 31*st October* 1888.

AT the meeting of the Standing Committee held this day, there were present:—

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*
COWASJEE HORMUSEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. I. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.
F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 24th instant, were signed.

No. 5091.—The seal of the Corporation was affixed to deed of conveyance from the Corporation, to Mr. Nurudeen Jewakhan, of a plot of Municipal land at Ripon Road, admeasuring 49 square yards, or thereabout, sold to him, for Rs. 408.

No. 5092.—The seal was affixed to deeds of contract—

With Messrs. John Fleming & Co., for the supply of hoses, couplings, &c., for Fire Brigade.

No. 5093.—Do. do. of two Steam Fire Engines with fittings and appurtenances for ditto.

No. 5094.—With Messrs. Walsh, Lovett & Co., for the supply of 4 Steam Rollers, 3 of 8 tons and 1 of 12½ tons.

No. 5095.—With Mr. Goolam Hussen Ebrahim, for the supply of firewood suitable for cremation of Hindu dead.

In accordance with notice, Mr. Dosabhai Framji called

No. 5096. the attention of the Municipal Commissioner to the influx into the city, which is now beginning to take place, of the famine-stricken people from Kathiawar and Gujerat, and asked whether it is not desirable in the interests of the public health of the city to take timely action in drawing the attention of Government to the subject and to request them to communicate with the Political Agent in Kathiawar and the authorities in Gujerat, suggesting the advisability of discouraging emigration as much as practicable, and if possible, to find employment for the people as was done during the famine of 1877.

The Acting Municipal Commissioner said that the Health Officer and himself had already been in correspondence, and Government had been communicated with as would be seen from the following :—

Letter No. 17612, dated 19th October 1888, to the Acting Municipal Commissioner as under:—

SIR,—I have the honor to suggest that inquiries be addressed to Government as to the probability of an immigration of the poor from

tracts suffering from a scarcity of rain. I hear that large numbers of poor are already pressing to this city; and knowing, from the sad experience of the years of famine that have passed, the weakness of the famine-stricken and the indigent, and the susceptibility of those who have suffered from starvation to every breath of disease, and the contamination of public health which came from the immigration of great numbers of famine-stricken in 1887, a migration of indigent masses to this city must be viewed with the greatest alarm. It is, therefore, necessary for the public safety and health to ascertain whether an immigration of indigent is proceeding, and any great migration of poor towards this city is occurring, and whether in the event of such migration being in movement, Government will, as in 1877, stop it and intercept the movement outside the city. In the event of any large number of poor coming to this city, the result will be a great mortality. In 1877 camps were formed at Coorla, and large numbers of starving placed in them. I may point out that during the weeks between the 15th August and 30th September 36,258 famine-stricken and the poor came into this city over the Coorla Causeway.—I have, &c., T. S. WEIR, Health Officer.

Memorandum No. 12461, dated 20th instant, as under :—

Forwarded with compliments to the Secretary to Government for such action as Government may consider necessary to take in the matter. It would be of advantage to this Office to know if Government expect such a migration, and if so from what districts.—F. L. CHARLES, Acting Municipal Commissioner.

Memorandum, dated 22nd instant, as under :—

In compliance with the attached, I, in company with Inspector Desmier, visited the Grant Road Station to meet the passenger trains on the 19th, 20th, 21st, and 22nd instant. On the 19th, 48 persons arrived from Guzerat; on the 20th, 61; on the 21st, 60; and on the 23rd, 330. These people are from Guzerat and Kathiawar. I was told by one of these who came in this morning that there are about 5,000 at Surat and about the same at Nowsari. The latter are travelling by foot; they are mostly workpeople, and state that they left their country on account of scarcity and have come to Bombay to seek work.—A. HALLAMS, Inspector.

Memorandum No. 18025, dated 22nd instant, as under :—

Forwarded to the Municipal Commissioner in continuation of this office No. 17612 of the 19th instant.—T. S. WEIR, Health Officer.

The Acting Commissioner added that Dr. Weir and himself will continue to make enquiries, and as soon as they are in a position to do so, they will, if necessary, apply to the Standing Committee.

The Standing Committee expressed themselves fully confident in the action of Mr. Charles and Dr. Weir in this matter.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusji, Esq.—

"That, as proposed by the Acting Municipal Commissioner, sanction be given to the acceptance of the tender of Messrs. Fakeer Mahomed Babunbhoy and Co.—the lowest of four tenders received—for the construction of pipe sewers in Bellasis Road, Foras Road, and Gilder Street, at a cost of Rs. 18,732 *plus* Rs. 1,000 for cost of removing excavations and *plus* Rs. 937 for contingencies at 5 per cent."

No. 5097.

*Carried.*

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That sanction be given to the acceptance of tender from Mr. Gummajee Ballajee—the lowest of two tenders received—for building rooms over sluice houses, and for additions and alterations to the bungalow at Vehar Lake, at a cost of Rs. 9,518 *plus* Rs. 282 for contingencies, against sanctioned grant of Rs. 10,000."

No. 509.

*Carried.*

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"The the following report of the Finance Committee be approved, and that the Corporation be recommended to sanction the arrangements therein contained :—

No. 5099.

*Report of Financial Committee on* (1) *the appropriation of excess receipts on Loans, owing to the Municipal Bonds being above par*; (2) *the purchase of such Bonds for the sinking funds of Loans*; *and* (3) *the unification of the sinking funds accounts.*

31*st October* 1888.

TO THE MUNICIPAL SECRETARY.

Having considered the papers as per margin referred to them for report on the 5th of September last, the Finance Committee beg to propose that the Corporation be recommended to sanction the following arrangements :—

Letters from the Acting Municipal Commissioner Nos. 9454, 9520 and 9658 of 1888-89.

(*a.*) That, in all cases where loans are raised by the Municipality, the net premia (after payment of brokerage, stamps and printing charges) received from the subscribers to such loans be credited to the particular loan on which the premia are received, and, unless otherwise specially applied by the Corporation, appropriated towards the reduction of the amount of the next instalment that is issued ; a reasonable amount of the premia being reserved as a margin to provide for any possible falling off in the value of Municipal Bonds.

(*b.*) That all sums of money required for the Sinking Funds of Loans or any other Reserve Fund such as insurance, building, &c., be

invested by the Municipality in bonds of their own loans at par value before the issue of the remaining bonds to the general public.

(*c.*) That sanction be given to the unification of the various sinking funds of the Loans raised by the Municipality, and hereafter to be raised, and to the adding together of the sums annually necessary for the investments on account of the said Sinking Fund, and investment of the same in one lump sum.

(*d.*) That, at the end of each financial year, it be the duty of the Auditors of the Corporation to certify that all Sinking Fund investments proper to the year have been made.

DOSABHAI FRAMJI.
MUNCHERJI N. BANAJI.
JAVERILAL UMIASHANKAR YAJNIK.
RAGHUNATH N. KHOTE.
COWASJEE HORMUSJEE."

*Carried.*

Proposed by Dosabhai Framji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the following be *recorded* :—

No. 5100. Memorandum No. 13699, dated 31st instant, from the Acting Municipal Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd idem, that he has made the following transfers to the Municipal General Fund:—25th October 1888—from the Tansa Loan Deposit Account No. 1, Rs. 50,000 ; and 29th idem—do. Rs. 1,00,000: total Rs. 1,50,000."

*Carried.*

It was agreed that the consideration of the Budget Estimates for the ensuing year, framed by the Acting Municipal Commissioner, be postponed till next meeting.

Proposed by Surgeon-Major Waters, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, as recommended by the Acting Municipal Com-

No. 5101. missioner, in his letter No. 13268 of 29th instant, sanction be given to the entertainment, up to the end of the current year, of the following establishment to provide for the systematic inspection of the new pipe sewers in the portions of the city already sewered ; and to the purchase of 3 carts at Rs. 150 each :—

1 Sub-Inspector at Rs. 30 per mensem, Rs. 30 ; 2 Mukadums at Rs. 12 each per mensem, Rs. 24 ; 20 Bigaries at As. 5 each per day, Rs. 164 ; bullocks and drivers for 3 carts, Rs. 80 ; Stores, such as ropes, bamboos, picks, &c., Rs. 10—total Rs. 308.

The charge to be debited to savings in Section VI. A, Miscellaneous Drainage (cleaning, repairing and altering miscellaneous drains and making new drains and gutters), Engineer's Budget."

*Carried.*

As the Chairman had to leave the Meeting on urgent business at this point, the Hon'ble Mr. Rahimtula Mohamed Sayani was voted to the chair.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That the following be *recorded* :—

No. 5102. Letter No. 13122, dated 27th instant, from the Acting Municipal Commissioner, stating with reference to the Standing Committee's Resolution No. 4500, dated 3rd idem (on the subject of the suit filed by Mr. Hemchund Premchund, against the Municipality for restraining him from pulling down his house in Mirza Street), that the amount of the decree, damages and rent aggregating Rs. 713-2-5, can be debited to the grant for improvement of streets, and the plaintiff's costs, Rs. 3,254-6-0, and the Municipal Solicitors' costs, Rs. 2,853-1-0, to the grant for law charges."

*Amendment*, moved by Colonel Merewether—

"That the question of the amount of the law charges in this suit be brought to the notice of Government."

*Not seconded.*

The original motion was *carried.*

No. 5103. *Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 12998, dated 26th instant, sanction be given to the transfer of Rs. 200, from savings in Section I., Establishment, Fire Brigade Budget, to Section VIII., purchase of horses, same Budget, to meet excess in the grant for cost of horses for the Brigade."

No. 5104. *Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 12999, dated 26th instant, sanction be given to the transfer of Rs. 304, from savings in Section I., Superintendence and Inspection, Conservancy Branch, to Section II., Labour, A., scavengering (men for cutchra burning experiments), to meet the excess in the grant, owing to the full establishment being employed up to the end of the current year."

*Resolved* : "That the following be *recorded* :—

No. 5105. Return forwarded by the Acting Municipal Commissioner under his memorandum No. 13000, dated 26th instant, showing details of fires and compensation for clothing and buggy hire paid to the Police."

STATEMENT showing the details of Fires that happened from 1st September 1887 to 31st August 1888, showing against each the details of the Compensation for Clothing and Buggy hire paid to the Police out of the Municipal Fund.

| Localities in which Fire took place. | Details of Fire. | | | Details of Compensation for Clothing and Buggy hire paid to Police in respect of each Fire. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | Month. | Day. | Estimated damage done by the Fire. | No. of Policemen who received Compensation for Clothing. | Amount paid. | No. of Policemen who received Buggy hire. | Amount of Buggy hire paid. | Amount of Buggy hire, &c., paid to the Superintendent of Fire Brigade for visiting the different Fire Brigade Stations and distributing the pay of the Staff, &c., &c. | |
| | 1887. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | Rs. a. p. | |
| E Police Division (Foras Road) ..... | Sept. ... | 9 | 6,350 0 0 | 29 | 110 0 0 | 24 | 17 13 0 | | The difference between the number of persons who were allowed compensation for clothing, and that to whom buggy hire was allowed, was owing to more than one officer using the same conveyance. |
| F & G Do. (Worleepakadi)..... | „ ... | 23 | 1,345 0 0 | ... | ..... | 6 | 3 6 0 | 2 6 0 | |
| B Do. (Dubra Gully) ..... | „ ... | 27 | 2,000 0 0 | 33 | 122 0 0 | 19 | 15 4 0 | | |
| E Do. (Haines Road) ..... | Oct. ... | 11 | 2 0 0 | ... | ..... | 13 | 8 1 0 | | |
| A Do. (Colaba) ..... | „ ... | 19 | 2 0 0 | ... | ..... | ... | ... | | |
| E Do. (Chinchpokli Road) | „ ... | ... | 0 4 0 | ... | ..... | ... | ... | | |
| B Do. (Sholapur Road) ... | „ ... | 21 | 15 0 0 | ... | ..... | 2 | 1 0 0 | 7 6 0 | |
| A Do. (Fort Police Court) | „ ... | 24 | 0 4 0 | ... | ..... | ... | ... | | |
| A Do. (Colaba) ..... | „ ... | 26 | 0 4 0 | ... | ..... | 2 | 1 3 0 | | |
| C Do. (Sheik Memon St.). | „ ... | 27 | 2,600 0 0 | ... | ..... | 8 | 3 7 0 | | |
| F & G Do. (Parel) ..... | „ ... | ... | 700 0 0 | ... | ..... | 2 | 1 12 0 | | |
| D Do. (Khetwady B a'c k Road) ..... | Nov. ... | 1 | 1,000 0 0 | 31 | 115 0 0 | 16 | 13 5 0 | | |
| E Do. (Kamathipura 6th Street)..... | „ ... | 5 | 3 0 0 | ... | ..... | ... | ... | 6 9 0 | |
| E Do. (Haines Road) ..... | „ ... | 14 | 2 0 0 | ... | ..... | 1 | 0 4 0 | | |
| F & G Do. (Chota Sewri) ..... | „ ... | 15 | 11 0 0 | ... | ..... | 2 | 1 9 6 | | |
| A Do. (Lower Colaba)..... | „ ... | 17 | 1,000 0 0 | 13 | 48 0 0 | 10 | 11 8 6 | | |
| E Do. (Mazagon) ..... | „ ... | 19 | 5 0 0 | ... | ..... | 3 | 1 6 9 | | |

| Localities in which Fire took place. | | | Details of Fire. | | | Details of Compensation for Clothing and Buggy hire paid to Police in respect of each Fire. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Month. | Day. | Estimated damage done by the Fire. | No. of Policemen who received Compensation for Clothing. | Amount paid. | No. of Policemen who received Buggy hire. | Amount of Buggy hire paid. | Amount of Buggy hire, &c., paid to the Superintendent of Fire Brigade for visiting the different Fire Brigade Stations and distributing the pay of the Staff, &c., &c. | |
| | | | 1887 | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | Rs. a. p. | |
| C | Police Division | (Duncan Road)..... | Dec. ... | 1 | 10 0 0 | ... | ..... | 8 | 3 4 0 | | |
| B | Do. | (Pydhoni Road) ... | „ ... | 5 | 12,000 0 0 | 32 | 118 0 0 | 13 | 10 6 0 | | |
| D | Do. | (Charni Road) ..... | „ ... | 6 | 20 0 0 | ... | ..... | ... | ... | | |
| F & G | Do. | (Dadur) ..... | „ ... | ... | 131 0 0 | 1 | 5 0 0 | 8 | 6 7 0 | | |
| E | Do. | (Grant Road)..... | „ ... | 8 | 250 0 0 | 27 | 99 0 0 | 21 | 14 4 3 | | |
| E | Do. | (Mazagon) ..... | „ ... | 9 | 3,00,000 0 0 | 40 | 151 0 0 | 30 | 31 1 3 | 2 11 0 | |
| F & G | Do. | (Dharavi) ..... | „ ... | 10 | 10 0 0 | ... | ..... | ... | ... | | |
| F & G | Do. | (Lady Jamshedji Road) ..... | „ ... | 11 | 10 0 0 | ... | ..... | ... | ... | | |
| E | Do. | (Haines Road) ..... | „ ... | 19 | 4 0 0 | ... | ..... | ... | ... | | |
| F & G | Do. | (Dadur) ..... | „ ... | 23 | 850 0 0 | 1 | 5 0 0 | 4 | 3 4 0 | | |
| | | | 1888. | | | | | | | | |
| E | Do. | (Surti Mohola) ..... | Jan. ... | 3 | 50 0 0 | ... | ..... | 10 | 6 0 0 | | |
| D | Do. | (Khetwady Lane) ... | „ ... | 17 | 80 0 0 | ... | ..... | 4 | 1 4 0 | 2 1 6 | |
| A | Do. | (Arthur Crawford Market) ..... | „ ... | 28 | 42,000 0 0 | 32 | 117 0 0 | 30 | 22 14 0 | | |
| A | Do. | (Bhoewada Lane)... | Feb. ... | 8 | 30 0 0 | ... | ..... | 2 | 0 15 0 | | |
| A | Do. | (Frere Bunder)..... | „ ... | 10 | 150 0 0 | ... | ..... | 7 | 4 15 0 | | |
| C | Do. | (Bhooleshwar Rd.). | „ ... | ... | 5 0 0 | ... | ..... | ... | ... | | |
| D | Do. | (Grant Road) ..... | „ ... | 11 | 50 0 0 | ... | ..... | ... | ... | 2 13 6 | |
| E | Do. | (Victoria Bunder).. | „ ... | 13 | 150 0 0 | ... | ..... | 3 | 1 11 0 | | |
| C | Do. | (Cursedji Sooklaji Street) ..... | „ ... | 26 | 50 0 0 | ... | ..... | 3 | 1 13 0 | | |
| C | Do. | (Peerkhan Lane)... | „ ... | 29 | 20 0 0 | ... | ..... | ... | ... | | |

| Localities in which Fire took place. | Details of Fire. | | | Details of Compensation for Clothing and Buggy hire paid to Police in respect of each Fire. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | Month. | Day. | Estimated damage done by the Fire. | No. of Policemen who received Compensation for Clothing. | Amount paid. | No. of Policemen who received Buggy hire | Amount of Buggy hire paid. | Amount of Buggy hire, &c., paid to the Superintendent of Fire Brigade for visiting the different Fire Brigade Stations and distributing the pay of the Staff, &c., &c. | |
| | 1888 | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | Rs. a. p. | |
| A Police Division (Colaba) | March... | 4 | 3,000 0 0 | ... | ..... | ... | ... | | |
| A Do. (Lower Colaba) | „ ... | 11 | 10,000 0 0 | 35 | 128 0 0 | 21 | 28 13 0 | | |
| D Do. (Charni Road) | „ ... | 15 | 100 0 0 | 30 | 110 0 0 | 19 | 14 1 0 | 3 2 0 | |
| A Do. (Lower Colaba) | „ ... | 25 | 3,000 0 0 | ... | ..... | ... | ... | | |
| C Do. (Moombadevi Tank Road) | April ... | 4 | 1,500 0 0 | ... | ..... | ... | ... | | |
| D Do. (Khumballa Hill) | „ ... | 9 | 100 0 0 | 5 | 16 0 0 | 7 | 3 7 0 | | |
| B Do. (Musjid Bunder, junction and Memonwada St.) | „ ... | 15 | 40,000 0 0 | 30 | 112 0 0 | 20 | 16 10 0 | | |
| A Do. (Colaba) | „ ... | 21 | 300 0 0 | ... | ..... | ... | ... | 3 12 0 | |
| A Do. (Wodehouse Road) | „ ... | 24 | 3 0 0 | ... | ..... | ... | ... | | |
| C Do. (Lohar Street) | „ ... | 25 | 5,000 0 0 | 32 | 118 0 0 | 13 | 8 10 0 | | |
| E Do. (Kamathipura 9th Street) | „ ... | 26 | 10 0 0 | ... | ..... | 3 | 1 8 0 | | |
| A Do. (Esplanade Road) | May ... | 5 | 10 0 0 | ... | ..... | ... | ... | | |
| E Do. (Sankli Tank Road) | „ ... | 10 | 10 0 0 | ... | ..... | ... | ... | | |
| F & G Do. (Worli Coliwada) | „ ... | 13 | 150 0 0 | ... | ..... | ... | ... | | |
| A Do. (Haines Road) | „ ... | 18 | 15,000 0 0 | 27 | 100 0 0 | 23 | 24 8 0 | 12 3 0 | |
| E Do. (Carpenter Street) | „ ... | 25 | 1 14 0 | ... | ..... | 3 | 1 12 0 | | |
| A Do. (Colaba) | „ ... | 31 | 100 0 0 | ... | ..... | ... | ... | | |
| B Do. (Chinch Br. Road) | June ... | 5 | 300 0 0 | 11 | 38 0 0 | 7 | 4 14 0 | | |
| C Do. (Fanaswadi Lane) | „ ... | 14 | 2 0 0 | ... | ..... | 5 | 2 10 0 | 9 14 0 | |
| C Do. (No. 51, Panjrapole Street) | „ ... | 21 | 5 0 0 | ... | ..... | 2 | 0 15 0 | | |

| Localities in which Fire took place. | Details of Fire. | | | Details of Compensation for Clothing and Buggy hire paid to Police in respect of each Fire. | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | Month. | Day. | Estimated damage done by the Fire. | No. of Policemen who received Compensation for Clothing. | Amount paid. | No. of Policemen who received Buggy hire. | Amount of Buggy hire paid. | Amount of Buggy hire, &c., paid to the Superintendent of Fire Brigade for visiting the different Fire Brigade Stations and distributing the pay of the Staff, &c., &c. | |
| | 1888 | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | Rs. a. p. | |
| B Police Division (Nowroji Hill) ..... | July ... | 22 | 25 0 0 | ... | ..... | 6 | 3 2 0 | 9 9 0 | Allowed compensation for clothing for two days for attending fires on 12th and 13th. |
| F & G Do. (Dharavi) ..... | Aug. ... | 9 | 3 0 0 | ... | ..... | ..... | ... | | |
| E Do. (Cursedji Sooklaji Street) ..... | „ ... | ... | 150 0 0 | ... | ..... | 1 | 0 4 0 | | |
| A Do. (Mody Bunder) ..... | „ ... | 13 | 500 0 0 | 70 | 258 0 0 | 45 | 39 6 0 | 10 10 0 | |
| A Do. ( Do. ) ..... | „ ... | 14 | 9,250 0 0 | 20 | 76 0 0 | 35 | 31 11 0 | | |
| A Do. (Victoria Dock) ... | „ ... | 17 | 170 0 0 | ... | ..... | 13 | 10 5 0 | | |
| A Do. (Carnac Bunder) ... | „ ... | 19 | 3,000 0 0 | 15 | 56 0 0 | 17 | 12 12 0 | | |
| A Do. (Mody Bunder)..... | „ ... | 22 | 27,000 0 0 | 62 | 236 0 0 | 79 | 67 12 0 | | Do. do. on 23rd and 24th. |
| Total... | ..... | ... | 4,89,595 10 0 | 576 | 2,138 0 0 | 570 | 461 2 3 | 73 1 0 | |

*Resolved* : " That, as applied for by the Acting Municipal
No. 5106. Commissioner, in his memorandum No. 13001, dated 26th instant, sanction be given to the transfer of Rs. 500, from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section IV, Repairs, same Budget, to meet the cost of repairs to the yard of Bori Bunder stables."

Having considered the question of the engrossing of the
No. 5107. Addresses from the Corporation to the Marquesses of Lansdowne and Dufferin, the Standing Committee agreed that the Corporation be recommended to sanction the outlay of Rs. 1,500, from Surplus Cash Balance, to meet such cost, as also the cost of cases to contain the same.

Resolved : " That, as proposed by the Acting Municipal
No. 5108. Commissioner in his letter No. 13594, dated 31st instant, the Corporation be recommended to sanction an advance of Rs. 15,660, from Surplus Cash Balance, to be adjusted to the debit of Budget grant for 1889-90, to meet the cost of 123 pairs of bullocks for the Health Department, namely, 30 pairs at Rs. 150 per pair, and 93 at Rs. 120 ditto."

It was agreed to postpone to the next meeting the consi-
No. 5109. deration of proposed expenditure of Rs. 3,000 for cost of Magnetic Spongy Carbon for filtering water, to allow of an estimate being framed by the Acting Commissioner of the cost of experimenting with this carbon on sewage water also.

Considered memorandum No. 1074, dated 14th May 1888, from the Secretary, forwarding, for favor of remarks by the Town Council, petition, dated 11th idem, from Messrs. Dinshaw Bejonjee, Byramjee Cowasjee and other inhabitants of Charniwadi Lane, complaining that, owing to the stand-pipe provided thereat being used for watering roads, they do not get sufficient water-supply to their houses.

Read memorandum No. 13062, dated 26th instant, from the Acting Municipal Commissioner, stating that the cause of complaint will be removed, as a new main is being laid to improve the water-supply.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

" That the Corporation be recommended to inform Messrs.
No. 5110. Dinshaw Bejonjee, Byramjee Cowasjee and others, in reply to their petition, dated 11th

May last, that, as a new main is being laid to improve the water-supply to their houses in the lane in question, the cause of complaint will be removed."

*Carried.*

*Resolved*: "That the consideration of the following, which has been referred to the Acting Municipal Commissioner for report, be postponed :—

No. 5111. "Petition, dated 23rd instant, from Messrs. Sorabjee Cowasjee Umrigar, Jamsetjee Rastamjee and other inhabitants of Thomas Street, Lower Colaba, praying that the street may be provided with gas lights, the public latrines thereat sufficiently flushed, and the dust-bin replaced by a moveable one."

*Resolved :* "That the consideration of the following which has been referred to the Acting Municipal Commissioner for report, be postponed :—

No. 5112. "Letter, dated 29th instant, from Messrs. Denison & Co., complaining of the drainage operation being carried on in front of the shop occupied by the Company, at No. 63, Hummum Street."

*Resolved :* "That the consideration of following be deferred till the receipt of remarks from the Acting Municipal Commissioner :—Resolution of the Corporation No. 5036, dated 25th instant, as follows :—

No. 5113. "That letter No. 2137, Public Works Department (Railway), dated 12th October 1888, relative to the proposed overbridge across the B. B. & C. I. Railway line at Falkland Road, be referred to the Acting Municipal Commissioner and the Standing Committee for favour of remarks."

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 28th October 1888.*

Considered and *recorded* memorandum No. 1308, dated 27th instant, from the Acting Municipal Commissioner, forwarding the following return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1888. | | | | Rs. | |
| 23rd Oct | Valpakadi .. | Cudjan sheds and portion of houses. | Bhojung, Ramji Dewji Hassan Chotani. | 9,135 | Attributed to a monkey upsetting a kerosine lamp. |
| 24th " | DeLisle Road. | Jaoli hut .. .. | Sookrajsing Isrising | 5 | |
| Do. | Warli .. | Do. | Pattaji Posha .. | 165 | |

* *See* Appendix B.

Proposed by Colonel Merewether, seconded by Surgeon-Major Waters—

"That the Corporation be recommended to act upon the advice of the Sub-Committee regarding the repairs, &c., of the reservoirs and improvement of the Vehar filters, and to sanction the necessary outlay."

*Rider*, moved by Javerilal Umiashankar Yajnik, Esq.—

"That the precis accompanying the report of the Sub-Committee be also printed."

*Not seconded.*

*Amendment*, proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the draft report of the Sub-Committee regarding the leakage of the Reservoirs and the improvement of the Vehar filters be sent back to the Sub-Committee as the said report is not complete, it appearing that the same has not yet been seen by all the members."

No. 5114.

The amendment was *carried.*

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BOMBAY, *7th November* 1888.

AT the meeting of the Standing Committee held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C. S., Acting Municipal Commissioner; the HEALTH OFFICER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 31st ultimo were signed.

*Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14197, dated 7th instant, sanction be given to the payment of compensation to Mr. Ranchor Virdas, at the rate of Rs. 5 per square yard, for 6·54 square yards of ground, or thereabout, at No. 52-56, Northbrook Street, taken up from him for the improvement of that thoroughfare."

No. 5135.

*Resolved :* "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14198, dated 7th instant, sanction be given to the payment of compensation to Mr. Adumji Pirbhai, at the rate of Rs. 25 per square yard, for 5·83 square yards of ground, or

No. 5136.

thereabout, at Nos. 178 and 180, Parel Road (Bhendi Bazar), taken up from him for the improvement of that thoroughfare."

The seal of the Corporation was affixed to deeds of conveyance—

No. 5137. From Mr. Lallji Kurson, of ground taken up for the improvement line of Parel Road (Bhendi Bazar).

No. 5138. From Mr. Goolam Ahmed bin Hussein, of ground taken up for the improvement line of Hussein Khan Khulifa Street.

No. 5139. From Mr. Rahimbhoy Gangji, of ground taken up for the improvement line of Duncan Road. (The Acting Executive Engineer, in his letter No. 8672B, dated 2nd November 1888, to the Acting Municipal Commissioner, states that 1·71 square yards of ground only were taken up in this case, being 13·44 square yards less than the area, 15·15 square yards, sanctioned by the Council on the 7th December 1887.)

No. 5140. From Mr. Bhowani Nana Boraday, of ground taken up for the improvement line of Northbrook Street. (The Acting Executive Engineer, in his letter No. 8675B, dated 2nd November 1888, to the Acting Municipal Commissioner, states that 8·77 square yards of ground only were taken up in this case, being ·67 square yard less than the area, 9·44 square yards, sanctioned by the Council on the 11th May 1887.)

No. 5141. From Messrs. C. B. deAbreo, L. B. deAbreo and C. F. deAbreo, of ground taken up for the improvement line of Matharpakadi Road. (The Acting Executive Engineer, in his letter No. 8676B, dated 2nd November 1888, to the Acting Municipal Commissioner, states that Messrs. C. B. deAbreo and others are the proper persons to receive compensation in this case, not Mr. C. Abreo, in whose name sanction to the taking up of ground was given by the Council, in their Resolution No. 115, dated 21st April 1886.)

No. 5142. From Nanibai, widow of Nensi Lukmidas, and Devkorbai, wife of Mr. Morarji Kalianji, of ground taken up for the improvement line of Kalbadevi Road. (The Acting Executive Engineer, in his letter No. 8677B, dated 2nd November 1888, to the Acting Municipal Commissioner, states that 29·92 square yards of ground were taken up in this case, being ·88 square yard more than the

area, 29·04 square yards, sanctioned by the Council on the 19th March 1884 ; and that Nanibai and Devkorbai are the proper persons to receive compensation in this case, not Messrs. Nensi Lukhmidas and Morarji Kallianji, in whose names sanction to the taking up of ground was given by the Council on the 9th March 1884.)

No. 5143. Read and *recorded* letter No. 14060, dated 7th instant, from the Acting Municipal Commissioner, reporting that he has accepted the tender of Messrs. H. Cassum & Co., for the supply of clothing to Municipal havildars and peons for the next two years at the following rates : Rs. 40 for each havildar, Rs. 22 for each peon, and Rs. 13-12-0 per head for khakee clothes for attendants of the zoological collection, Victoria Gardens. The charge to be debited to the Budget grants for clothing.

No. 5144. *Resolved :* " That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14011, dated 6th instant, the rate of compensation fixed by the late Town Council, in their Resolution No. 816, dated 2nd May 1888, for the 26·87 square yards, or thereabout, of ground, the taking up of which was sanctioned in the name of Mr. Shamjee Morarjee, taken up for the improvement of Ghorupdeo Road, be increased from Rs. 2 to Rs. 2-12-0 per yard."

No. 5145. *Resolved*: " That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14010, dated 6th instant, the rate of compensation fixed by the late Town Council in their Resolution No. 1154, dated 29th October 1884, for the 29·11 square yards, or thereabout, of ground taken up from Mr. Poonja Bhanji, for the improvement of Bhundari Street, Mandvi, be increased from Rs. 10 to Rs. 35 per yard."

No. 5146. *Resolved* : " That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14009, dated 6th instant, the rate of compensation fixed by the late Town Council in their Resolution No. 1964, dated 10th March 1886, for the 40·29 square yards, or thereabout, of ground taken up from Hadji Joonus Hadji Isac, for the improvement of Dhobi Street, be increased from Rs. 15 to Rs. 30 per yard."

No. 5147. *Resolved* : "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 13913, dated 2nd instant, the rate of compensation fixed by the late Town Council, in their Resolutions Nos. 1084 and 2801, dated 22nd October 1884 and 11th July 1888, for the 275 square yards, or thereabout, of ground taken up from Mr. Karim Tar Mahomed Bawa, for the improvement of Parel Road (Lall Baug), be increased from Rs. 2 to Rs. 4 per yard."

No. 5148. *Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 14008, dated 6th instant, sanction be given to the transfer of Rs. 84-4-10, from savings in Section I., C., Contingencies, Cemeteries, Health Department Budget, to Section IV., Hindu Burial Ground (water supply), same head, same Budget, to meet the cost of excess in the grant for water consumed at the Haines Road cemetery."

No. 5149. *Resolved:* "That, as applied for by the Acting Municipal Commissioner, in his memorandum No. 13707, dated 31st October 1888, sanction be given to the transfer of Rs. 258-12-0, from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section IV., clothing for Registration Karkoons (Birth), Registration of Births and Deaths, and Section VI., clothing to 6 hearse drivers, Cemeteries, same Budget, to provide for the cost of clothing supplied to the karkoons and drivers in December 1884."

No. 5150. *Resolved* : "That, as proposed by the Acting Municipal Commissioner, in his letter No. 13939, dated 2nd instant, the Corporation be recommended to sanction the expenditure of Rs. 10,628, namely, (1) Rs. 5,318, from Surplus Cash Balance, to provide for cost of lamps, and lamp-posts, brackets, &c., for the lighting of the Prince's and Victoria Docks ; and (2) Rs. 5,310, from the balance of one lakh reserved in the current year's Budget for works under Rs. 10,000, to be met from current revenue, to provide for cost of laying gas mains therein."

The consideration of application for proposed expenditure of Rs. 3,000 for cost of magnetic spongy carbon for filtering water and sewage was postponed.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was—

*Resolved:* "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 13319, dated 30th October 1888, sanction be given to the services of Mr. Ardeshir Eduljee, Inspector, E Ward, Water Works Department, being allowed to count towards pension from 29th September 1876 to 31st July 1879, both days inclusive."

No. 5151.

Read letter, dated 2nd instant, from Yemnabai, praying that a license, as usual, may be granted for the current year for her premises at Nos. 3 and 57, Mustan Tank Road, as milch cattle stables as hitherto.

*Resolved:* "That Yemnabai be informed that the matter is one within the province of the Municipal Commissioner and that her letter has been referred to him for disposal."

No. 5152.

The consideration of the Budget Estimates for the ensuing year, together with Statement of Loan Works, was postponed, as Section 126 of the new Act directs that they shall be proceeded with by the Standing Committee as soon as may be *after* the 10th of November.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 4th November 1888.*

Read letter No. 14057, dated 6th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—On account of the influx of persons into Bombay from districts where there is scarcity, it may become necessary, as in 1877, to establish a relief camp where persons unable to support themselves may be cared for.

To enable me to make such preparations as may be desirable, I have the honour to ask that the Corporation should be recommended to sanction a sum of Rs. 5,000 to be expended as may be found necessary.—I have, &c., F. I. CHARLES, Acting Municipal Commissioner.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, as proposed by the Acting Municipal Commissioner, in his letter No. 14037, dated 6th instant, the Corporation be recommended to sanction the grant of Rs. 2,500, from surplus cash balance, to be expended as may be found necessary if a relief camp is

No. 5153.

* *See* Appendix B.

established for the persons coming into Bombay from districts where there is scarcity."

*Carried.*

*Resolved:* "That letter No. 250, dated 6th instant, from the Honorary Secretary to the Board of the Victoria Jubilee Technical Institute, asking that the annual grant from the Municipality to the Institute may be increased from Rs. 5,000 to Rs. 10,000 per annum, be considered along with the Budget Estimate for 1889-90." No. 5154.

The Acting Municipal Commissioner laid on the table progress reports up to the end of September last of new works now in course of construction.

The Chairman said an anonymous letter addressed to himself and the members of the Standing Committee, through the Municipal Commissioner, and purporting to come from "the Honorary Members of the Ratepayers' Association," had been received.

It was agreed that, as the letter was anonymous, no notice be taken of it.

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BOMBAY, 14*th November* 1888.

AT the meeting of the Standing Committee held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL, G. L. C. MEREWETHER, R. E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

On the question of the signing of the minutes of the meeting held on the 7th instant, it was agreed, on the motion of Colonel Merewether, that they be varied by the insertion in the entry regarding the consideration of the Budget Estimate for 1889-90 of the words "on or" after the word "committee."

The minutes, as thus amended, were signed.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Standing Committee authorize the Commissioner to fix a rate of not less than 1*s.* $4\frac{9}{16}$*d.* as the rate of exchange on remittances on No. 5249.

account of Tansa pipes from January 1889 to June 1889, at the rate of £10,000 per month or in all £60,000."

*Carried.*

Proposed by Javerilal U. Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5250. "That sanction be given to the following arrangement with the Bank of Bengal regarding the investment of Rs. 9,00,000 of Tansa Water Works Loan 5 per cent. bonds: the Bank to pay the value thereof at 107 per cent. in 4 per cent. Government Paper of rupees nine lakhs at 98 per cent. on the 15th instant, and the difference in cash.

"The Bank of Bengal to repurchase the said paper at the same rate; 5 lakhs on 10th April and 4 lakhs on 10th May next."

*Carried.*

No. 5251. *Resolved*: "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 14808, dated 14th instant, the rate of compensation fixed by the late Town Council, on the 8th April 1885, for the 95·47 square yards of ground, or thereabout, at Cow Lane, Kandawadi, taken up from Hadji Tyeb Hadji Rahimtula, be increased from Rs. 5 to Rs. 7 per yard."

No. 5252. *Resolved*: "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14792, dated 13th instant, sanction be given to the payment of compensation to the Albless Trust at the rate of Rs. (10) ten per square yard, for 9·23 square yards of ground, or thereabout, at Charni road, taken up from the Trust for the improvement of that thoroughfare."

Read letter, dated 10th instant, from Messrs. Crawford and Buckland to the Chief Accountant, as under :—

SIR,—With reference to the interview which we had with your clerk, Mr. Ramkrishna Balkrishna, yesterday on the subject of the payment of Municipal bonds standing in the names of Mr. Sawers to the National Bank of India under an endorsement to the Bank by the executors of Mr. Sawers' will, we have the honor to point out that this appears to us to be a similar case to that of Mrs. Beard, the executrix of Mr. Newton, in reference to which we advised you in our letter of the 28th of August last and in which the Hongkong and Shanghai Bank claimed to be paid on behalf of Mrs. Beard, the executrix.

As we pointed out in that letter, probate or letters of administration granted in England are inoperative in this country and do not vest any legal right in the executors, and until the will is proved here, such executors are not legally entitled to receive the amount of the bonds, or as in this case to transfer the bonds by endorsement to the National Bank.

We have no doubt that you run no risk in making the payment on production of the English probate, but until the executors by proving the will in this country have become legally entitled to receive the amount of the bonds you are not bound to pay them or their transferees.—We have, &c., CRAWFORD & BUCKLAND.

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As the Solicitors say no risk is run, the payment may be made.—F. L. CHARLES.
10th November 1888.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5253. "That sanction be given to the countersigning by the Municipal Secretary, of cheques in payment of principal of Municipal bonds when the amount of the same is claimed on the production of English letters of administration only."

*Carried.*

Considered letters, dated 27th September last and 9th instant, from Bawa Gungaram Kruparam, objecting to the rate of Rs. 35 per square yard, fixed by the late Town Council, in their Resolution No. 1550, dated 7th June 1888, for the 57·62 square yards of ground, or thereabout, taken up from the temple property at Dariasthan Road, for the improvement of that thoroughfare, and asking that Rs. 83 per yard may be paid for the land in question.

Read memorandum No. 14015, dated 6th instant, from the Acting Municipal Commissioner, stating that, as there is a dispute between two rival claimants, it will be unsafe to treat with the present applicant unless his title is proved.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by the Hon'ble R. M. Sayani—

No. 5254. "That, in reply to his letter, dated 27th September last and 9th instant, Bawa Gungaram Kruparam be informed that, as there is dispute between him and Mr. Kalianji Dosa, regarding the ownership of the land to be taken up by the Municipality for the improvement of Dariasthan Road, the Municipality cannot negotiate with Bawa Gungaram Kruparam until he proves his title to the land in question."

*Carried.*

*Resolved* : No. 5255. "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14444, dated 9th instant, the rate of compensation fixed by the late Town Council, in their

Resolution No. 1681, dated 30th November 1887, for the 6·43 square yards of ground, or thereabout, at Nos. 462-464, Dongri Street, taken up from Mukbai, widow of Bhojraz Dewsi, for the improvement of that thoroughfare, be increased, from Rs. 30 to Rs. 45 per yard."

No. 5256. *Resolved* : "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14554, dated 10th instant, the rate of compensation fixed by the late Town Council, on 10th December 1884, for the 2·79 square yards of ground, or thereabout, for the improvement of Dongri Street, be increased, from Rs. 20 to Rs. 45 per yard."

No. 5257. *Resolved* : "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14555, dated 10th instant, the rate of compensation fixed by the late Town Council, on 22nd July 1885, for the 23·64 square yards of ground, or thereabout, at No. 781, Jail Road East, be increased, from Rs. 5 to Rs. 12 per yard."

No. 5258. *Resolved* : "That, as recommended by the Acting Municipal Commissioner, in his memorandum No. 14555, dated 10th instant, the rate of compensation, fixed by the late Town Council, on 29th September 1887, for the 6·86 square yards of ground, or thereabout, taken up from Hadji Hassein Kurim, for the improvement of Sarung Street, be increased, from Rs. 10 to Rs. 30 per yard."

Read memorandum No. 14539, dated 10th instant, from the Acting Municipal Commissioner, forwarding application from the Currimbhoy Mills Co., Limited, stating that the Company propose to build a mill on plots of land near DeLisle Road, but that they have no access to such land except by the contemplated road along the line of the Tulsi water main. When this land for the main was acquired by the Municipality, it was expressly stipulated that a road of 50 feet wide would be made along the line, but the work has remained in abeyance. The Company now apply for permission to make, at their own expense, a road on the western side of the pipe line up to the site of the mill. The Acting Commissioner, in forwarding the above application, asks the Standing Committee to recommend the Corporation to accord its sanction to the application.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconed by Javerilal Umiashankar Yajnik, Esq.—

"(1.) That the Corporation be recommended to sanction the laying out of a portion of the Tulsi pipe line from the junction of DeLisle and Carroll Roads, southwards towards Fergusson Road, for a length of 650 feet, or thereabout, as the line of a future thoroughfare, as shown on tracing marked A, dated this day (Filed in Supplement to Minute Book, marked A).

No. 5259.

"(2.) That the present construction by the Currimbhoy Mills Company, Limited, at their own expense, of the portion of such road as they propose to make, in order to give access to the Company's Mill, be sanctioned in view to the said portion being eventually taken into and made to form part of the future road.

"(3.) That the construction of such part of the road be made entirely at the cost of the Company, and that they give a written undertaking that they will claim no compensation whatever when the road is finally taken over by the Municipality, or at any other time.

"(4.) That the portion of roadway to be made by the Company be constructed under the orders of the Municipal authorities, and that it be maintained to the satisfaction of the Municipal Commissioner.

"(5.) That the Company shall not claim any title whatever to the Municipal ground over which this portion of the road will pass.

"(6.) That the Company shall always permit the public to make use of this road as if the same had been made by the Municipality.

"(7.) That the Municipal officers shall be at perfect liberty to make any alterations or repairs they may find necessary at any time to the Tulsi pipe line lying in that part of the road which is now to be constructed by the said Company.

"(8.) That the necessary legal document be prepared, executed and registered at the expense of the Company."

*Carried.*

Read letter No. 14794, dated 13th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—With reference to the Resolution of the Town Council No. 76, dated 11th April 1888, I have the honor to state that, with the object of enlarging the channel by converting the excavated material from the

catchwater channel east of Vehar into embankment, I have got the estimates revised with the result that the work which was let by contract for Rs. 5,179-8-0 for the construction of catchwater channel to the east of dam No. 3 at Vehar Lake will be exceeded by Rs. 1,775-8-0. Of this, Rs. 911-11-11 can be met from savings in the work for the construction of the existing catchwater channel on the west side of Vehar Lake and the balance of Rs. 863-12-1 can be met out of the balance of the grant for the work, Rs. 10,000, sanctioned under Corporation Resolution No. 51, dated 9th April 1888, and to this excess the sanction of the Standing Committee is requested.

2. Sanction is also requested to the extension of the contract time which expired on 30th June last to 31st January next and to the payment of Rs. 600 for establishment charges out of the grant of Rs. 10,000.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Surgeon-Major Waters, seconded by Sir Henry Morland—

No. 5260. "That, as applied for by the Acting Municipal Commissioner in his letter No. 14794, dated 13th instant, sanction be given to the transfer of Rs. 1,775-8-0, to the contract amount of Rs. 5,179-8-0, sanctioned by the Town Council in their Resolution No. 76, dated 11th April 1888, for the construction of catchwater channel to the east of dam No. 3 at Vehar Lake, from savings (1) of Rs. 911-11-11, in the grant for the continuation of the existing catchwater channel to the west of the lake, and (2) of Rs. 863-12 1, in the grant of Rs. 10,000, sanctioned by the Corporation in its Resolution No. 51, dated 9th April 1888, for the said work. That sanction be given to the extension of contract entered into with Messrs. Hirji and Raoji for the construction of the catchwater channel to the east of dam No. 3, Vehar Lake, up to 31st January 1889, and to the payment of Rs. 600, to provide for cost of establishment to be debited to the said grant of Rs. 10,000."

*Carried.*

No. 5261. *Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14014, dated 6th instant, sanction be given to the transfer of Rs. 1,961-13-9, from savings in the grant for the surface drainage works, to the grant for the Crawford Markets to Mint Sewer Works, to meet the cost of repairing the usual openings in roads for the Drainage Works."

No. 5262. *Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14012, dated 6th instant, sanction be given to the

transfer of Rs. 1,358-8-0, from savings in the grant for earthing over storage basin, Malabar Hill Reservoir, to the grant for earth embankment thereat, to meet excess over the sanctioned grant for the embankment."

*Resolved* : "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14013, dated 6th instant, sanction be given to the transfer of Rs. 1,200, from savings in Section I., Bullocks and Bhistees, road watering, Engineer's Budget, to Section II, water carts, same head, same Budget, to meet the cost of 12 iron tanks."

No. 5263.

Proposed by Colonel Merewether, seconded by the Chairman—

"That, as applied for by the Acting Municipal Commissioner in his memorandum No. 14678, dated 12th instant, sanction be given to the transfer of Rs. 5,890-11-4, to the grant for construction of ovoid sewer from the Crawford Markets to the Mint ; from savings in Surface Drainage Works grant, Fort Pipe Sewer Works, to meet the excess in the grant for the ovoid sewer.

No. 5264.

"That sanction be also given to the extension, up to August 1888, of contract entered into with Messrs. Fakir Mahomed Babunbhai & Co. for the construction of the said ovoid sewer."

*Carried* by majority.

*Resolved* : "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14557, dated 10th instant, sanction be given to the proposal of the Deputy Executive Engineer to merge into one, the two sanctioned works, namely, Rs. 51,475, for laying water main in various streets, and Rs. 17,325, for laying water main in streets west of Frere Road."

No. 5265.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Raghunath Narayan Khote, Esq.—

"That, as proposed by the Acting Municipal Commissioner, in his letter No. 14757, dated 13th instant, the Corporation be recommended to sanction the outlay of Rs. 1,238, from Surplus Cash Balance, to provide for the cost (1) of the following establishment, up to the end of the current financial year, for the verification of weights and measures, as required by Sections 418 and 419 of the Municipal Act III. of 1888, and (2) of

No. 5266.

the purchase from the Commissioner of Police, of plant for the said verification :—1 Clerk at Rs. 20 per mensem, one stamper at Rs. 30 per mensem, and 1 assistant stamper at Rs. 20 per mensem.

"That the Corporation be also recommended to sanction under the provisions of Section 420 of the Act, the levy of the following fees for the verification of weights and measures :—

| | Annas. |
|---|---|
| For weights from 1 seer, either local of 11½ oz., or standard of 2 lbs. and above, each weight | 4 |
| For weights below 1 seer quoted above | 1 |
| For measures from 1 seer of 21¾ oz., or 23 tolas of weight and above, each measure | 4 |
| For measures below 1 seer quoted above | 1 |
| For measure of length | 4 |
| For weights 2 lbs. and above | 4 |
| For weights below 2 lbs. | 1" |

*Carried.*

No. 5267. *Ordered:* That the following be printed and considered next meeting :—

Letter No. $\frac{W}{4010}$, dated 8th instant, from the Deputy Executive Engineer, in charge Water Works, to the Acting Municipal Commissioner :—

SIR,—I have the honour, as desired by you, to report upon the effect of the late monsoon upon the storage of water in the Vehar and Tulsi Lakes, and the water-supply prospects in the present and next fair seasons.

THE VEHAR LAKE.

2. It was anticipated by many that the monsoon now past would prove to be under the average, and the result has supported these anticipations. The monsoon was not a complete failure; for, whilst the average rainfall is 81·59 inches, and the lowest recorded 40·89 inches, the rainfall in 1888 was 72·25 inches, which is 11·5 per centum below the average. Of this, however, 2·22 inches fell in January, leaving a total of 70·03 inches from the 5th June when the rains commenced to the 31st October. An examination of the details (table No. 1) will show that the rainfall was never of a very heavy character and was not favourable, therefore, to a high percentage collection in the lake.

The result of the monsoon has been to leave the lake on the 31st October at a level of 257·15 T.H.D. although the supply has been assisted to some extent from the Tulsi Lake and by the catchwater channels constructed in 1884 and 1888.

The lake has been on only three occasions lower than this on the same date in the preceding 27 years and once at practically the same height as follow: In 1871, 250·30 T.H.D.; 1872, 253·70 T.H.D; 1881, 257·30 T.H.D.; and 1882, 253·90 T.H.D.

Those who remember the years 1871 and 1872 will not desire a repetition of them, whilst in 1881 and 1882 the Tulsi supply just introduced went far to ameliorate the results. Now we require the very fullest supply that can be drawn from both the Vehar and Tulsi lakes to provide for the increased demand from increase of population and trade. Unless, therefore, the monsoon of 1889 proves to be of a much more favourable character than that of 1888, there will undoubtedly be severe suffering in the hot season of 1890.

### The Tulsi Lake.

3. The Waste Prevention work had proceeded so far in the Tulsi districts in the early months of this year that the usual complaints in the hot season were obviated, and a surplus of water was at disposal when the monsoon burst and stopped the consumption on gardens and road watering which more particularly affect the Tulsi district. Anticipating a light monsoon, it was deemed more prudent to continue the same hours of supply in the City and restrict the flow from Tulsi. During the whole of the monsoon and up to date the draught on the Tulsi Lake has been reduced by about 20 per cent. without affecting the supply to the City.

The monsoon justified this policy for the rainfall (82·23 inches) proved to be under the average for Tulsi. By the aid of the catchwater channel and the restriction referred to in the preceding paragraph, the lake was just filled on the 21st August and overflowed for 10 days. The total overflow was about 120 millions of gallons.

The rainfall was of the same character as that at Vehar, and the details of rainfall and storage are shown in table No. 2.

4. The experience of this monsoon proves that the Tulsi Lake is by no means certain of being filled unless there be a good monsoon rainfall, and that fact would in itself justify an extension of the catchment area if it could be economically carried out. There is, however, the temporary, but it may prove to be the most urgent consideration of how to avoid or mitigate a water famine before the arrival of the supply from Tansa in 1891 or 1892. The northern slope of the range of hills west of the lake and forming the southern side of the Kennery Valley has not hitherto been utilized. It is proposed, therefore, to construct a catchwater channel about 1 mile in length, so as to bring in the drainage of about 150 acres. This will increase the gathering ground by about 10 per cent. The channel in the first instance is proposed to be excavated in earth without masonry lining, so as to be of service in the monsoon of 1889 and at the comparatively small initial cost of Rs. 20,000.

5. The above channel and the completion at a cost of Rs. 3,600 of those commenced in April last at Vehar, are all the steps which appear to me practicable to increase the supply to the lakes in the monsoon of 1889.

6. It is desirable, if financial arrangements can be made, that immediate sanction should be given to the commencement of these two works.

7. When the monsoon bursts in 1889, the Vehar Lake will be at about 244·00 on T. H. datum. As the coping level of Vehar filters is at 243·00 T.H D., it is probable that for a short time before the next monsoon the water will have to be supplied unfiltered.

8. The highest and second inlets to the tower at Vehar will be bare and the whole of the water will have to be taken through No. 3, that is the one just above the bottom of the channel leading from the lake to the tower. It will probably therefore be difficult to strain the water as well as usual.

9. The quantity sent through the mains into the City will be slightly less due to the smaller head owing to the lower level of water in the lake.

10. The demand in the city will be heavier than usual owing to the wells being lower and the surface water sooner exhausted.

11. The Tulsi supply will be, both as to quality and quantity, same as last year.

12. Any curtailment of the demand on Vehar which would have any practical effect in keeping up the level of the lake would create suffering in the City, *e. g.*, a curtailment of 1 million of gallons per day would be severely felt and would only keep the lake up about 10 inches.

13. I am therefore of opinion (1) that the present system of supply should be continued ; (2) that the water supply in the approaching hot season will be slightly less in quantity than that supplied during the last one and that the quality will not be so good, and that in consequence of a greater demand in the city there will be many more complaints of short supply than there were during the last hot season; (3) that the wells in the city which contain water of a fair quality should be carefully conserved and that wells containing dangerous water should be closed ; (4) That, with a view to assist the filling of the lakes by the next monsoon the additional catchwater channels at a cost of Rs. 23,600 should be immediately sanctioned. In this connection I would point out that Vehar Lake has never once been filled except in years when the rainfall has been above the average, and that a monsoon of 94 inches or 15 per cent. above the average will be required to fill it next year.

14. I need not add that every effort is being made, and will continue to be made to keep down the waste of water and to detect and repair leaks.—I have, &c., S. TOMLINSON, C.E., Deputy Executive Engineer, in charge Water Works.

## Table No. 1.

### Rainfall and Levels of Water in Vehar Lake, June to October 1888.

| | Rainfall. | | Height of water in the Lake. | | | | Rainfall. | | Height of water in the Lake. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches. | Cents. | Feet. | Cents. | | | Inches. | Cents. | Feet. | Cents. | |
| 1888. | | | | | | 1888. | | | | | |
| 1st June .... | .... | .. | 249 | 40 | Overflow level 263·50. | 1st August .. | 1 | 63 | 256 | 50 | Overflow level 263·5 |
| 2nd " .... | .... | .. | 249 | 35 | | 2nd " .. | .... | 40 | 256 | 55 | |
| 3rd " .... | .... | .. | 249 | 25 | | 3rd " .. | 1 | 34 | 256 | 80 | |
| 4th " .... | .... | .. | 249 | 20 | | 4th " .. | 1 | 24 | 257 | 00 | |
| 5th " .... | .... | 92 | 249 | 15 | | 5th " .. | .... | 45 | 257 | 10 | |
| 6th " .... | 1 | 02 | 249 | 20 | | 6th " .. | .... | 14 | 257 | 20 | |
| 7th " .... | 1 | 40 | 249 | 30 | | 7th " .. | .... | 25 | 257 | 20 | |
| 8th " .... | 2 | 17 | 249 | 50 | | 8th " .. | .... | 43 | 257 | 25 | |
| 9th " .... | .... | .. | 249 | 40 | | 9th " .. | .... | 02 | 257 | 30 | |
| 10th " .... | .... | .. | 249 | 30 | | 10th " .. | .... | 26 | 257 | 40 | |
| 11th " .... | .... | .. | 249 | 25 | | 11th " .. | .... | 42 | 257 | 50 | |
| 12th " .... | .... | . | 249 | 20 | | 12th " .. | .... | 57 | 257 | 70 | |
| 13th " .... | .... | 09 | 249 | 10 | | 13th " .. | 1 | 04 | 257 | 80 | |
| 14th " .... | .... | 07 | 249 | 05 | | 14th " .. | .... | 31 | 257 | 90 | |
| 15th " .... | .... | .. | 249 | 00 | | 15th " .. | .... | 32 | 258 | 00 | |
| 16th " .... | .... | 26 | 248 | 95 | | 16th " .. | .... | 66 | 258 | 10 | |
| 17th " .... | .... | 55 | 248 | 95 | | 17th " .. | .... | 72 | 258 | 20 | |
| 18th " .... | .... | .. | 248 | 90 | | 18th " .. | .... | 44 | 258 | 30 | |
| 19th " .... | .... | 13 | 248 | 85 | | 19th " .. | .... | 61 | 258 | 40 | |
| 20th " .... | .... | .. | 248 | 80 | | 20th " .. | 1 | 46 | 258 | 70 | |
| 21st " .... | .... | 19 | 248 | 70 | | 21st " .. | .... | 39 | 258 | 90 | |
| 22nd " .... | .... | 26 | 248 | 65 | | 22nd " .. | .... | 07 | 259 | 00 | |
| 23rd " .... | 1 | 00 | 248 | 70 | | 23rd " .. | .... | 18 | 259 | 05 | |
| 24th " .... | .... | .. | 248 | 65 | | 24th " .. | .... | 75 | 259 | 20 | |
| 25th " .... | .... | 37 | 248 | 65 | | 25th " .. | .... | 92 | 259 | 50 | |
| 26th " .... | .... | 54 | 248 | 60 | | 26th " .. | .... | 32 | 259 | 60 | |
| 27th " .... | 1 | 12 | 248 | 70 | | 27th " .. | .... | .. | 259 | 70 | |
| 28th " .... | 2 | 13 | 249 | 00 | | 28th " .. | .... | 29 | 259 | 80 | |
| 29th " .... | 3 | 73 | 249 | 60 | | 29th " .. | .... | 11 | 259 | 80 | |
| 30th " .... | 2 | 42 | 250 | 05 | | 30th " .. | .... | .. | 259 | 75 | |
| | | | | | | 31st " .. | .... | .. | 259 | 70 | |
| 1st July .. | 2 | 70 | 250 | 50 | | | | | | | |
| 2nd " .... | 2 | 30 | 251 | 00 | | 1st Sept..... | .... | .. | 259 | 70 | |
| 3rd " .... | .... | 37 | 251 | 00 | | 2nd " .... | .... | 09 | 259 | 70 | |
| 4th " .... | .... | 12 | 250 | 95 | | 3rd " .... | .... | .. | 259 | 60 | |
| 5th " .... | 2 | 56 | 251 | 40 | | 4th " .... | .... | .. | 259 | 60 | |
| 6th " .... | 2 | 77 | 252 | 05 | | 5th " .... | .... | .. | 255 | 55 | |
| 7th " .... | .... | .. | 252 | 05 | | 6th " .... | .... | .. | 259 | 50 | |
| 8th " .... | .... | .. | 252 | 00 | | 7th " .... | .... | .. | 259 | 50 | |
| 9th " .... | .... | 11 | 251 | 95 | | 8th " .... | .... | .. | 259 | 45 | |
| 10th " .... | .... | 08 | 251 | 95 | | 9th " .... | .... | .. | 259 | 45 | |
| 11th " .... | .... | 09 | 251 | 90 | | 10th " .... | .... | 53 | 259 | 40 | |
| 12th " .... | .... | 26 | 251 | 90 | | 11th " .... | .... | 41 | 259 | 40 | |
| 13th " .... | 3 | 06 | 252 | 50 | | 12th " .... | .... | 22 | 259 | 40 | |
| 14th " .... | 2 | 12 | 253 | 00 | | 13th " .... | .... | 30 | 259 | 40 | |
| 15th " .... | 4 | 97 | 254 | 20 | | 14th " .... | .... | 14 | 259 | 40 | |
| 16th " .... | 2 | 45 | 254 | 95 | | 15th " .... | .... | 24 | 259 | 35 | |
| 17th " .... | 1 | 41 | 255 | 35 | | 16 h " .... | .... | .. | 259 | 35 | |
| 18th " .. | .... | 22 | 255 | 50 | | 17th " .... | .... | .. | 259 | 30 | |
| 19th " .... | .... | 48 | 255 | 50 | | 18th " .... | .... | .. | 259 | 25 | |
| 20th " .... | .... | 80 | 255 | 70 | | 19th " .... | .... | 18 | 259 | 20 | |
| 21st " .... | .... | 28 | 255 | 75 | | 20th " .... | .... | .. | 259 | 15 | |
| 22nd " .... | .... | 13 | 255 | 75 | | 21st " .... | .... | .. | 259 | 10 | |
| 23rd " .... | .... | 39 | 255 | 80 | | 22nd " .... | .... | .. | 259 | 05 | |
| 24th " .... | .... | 52 | 255 | 85 | | 23rd " .... | .... | .. | 259 | 00 | |
| 25th " .... | .... | 45 | 253 | 90 | | 24th " .... | .... | 28 | 259 | 00 | |
| 26th " .... | .... | 13 | 255 | 90 | | 25th " .... | .... | .. | 258 | 95 | |
| 27th " .... | .... | 21 | 255 | 90 | | 26th " .... | .... | .. | 258 | 90 | |
| 28th " .... | .... | .. | 255 | 85 | | 27th " .... | .... | .. | 258 | 85 | |
| 29th " .... | .... | 22 | 255 | 85 | | 28th " .... | .... | .. | 258 | 80 | |
| 30th " .... | .... | 15 | 255 | 85 | | 29th " .... | .... | .. | 258 | 75 | |
| 31st " .... | 2 | 36 | 256 | 20 | | 30th " .... | .... | 45 | 258 | 70 | |

| | Rainfall. | | Height of water in the Lake. | | | | Rainfall. | | Height of water in the Lake. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches. | Cents. | Feet. | Cents. | | | Inches. | Cents. | Feet. | Cents. | |
| 1888. | | | | | | 1888. | | | | | |
| 1st October.. | .... | 50 | 258 | 65 | Overflow level 263·60. | 17th October.. | .... | .. | 257 | 95 | Overflow level 263·60. |
| 2nd " .. | .... | .. | 258 | 65 | | 18th " .. | .... | .. | 257 | 90 | |
| 3rd " .. | .... | .. | 258 | 60 | | 19th " .. | .... | .. | 257 | 85 | |
| 4th " .. | 1 | 16 | 258 | 65 | | 20th " .. | .... | .. | 257 | 80 | |
| 5th " .. | .... | .. | 258 | 60 | | 21st " .. | .... | .. | 257 | 70 | |
| 6th " .. | .... | .. | 258 | 55 | | 22nd " .. | .... | .. | 257 | 65 | |
| 7th " .. | .... | .. | 258 | 50 | | 23rd " .. | .... | .. | 257 | 60 | |
| 8th " .. | .... | .. | 258 | 50 | | 24th " .. | .... | .. | 257 | 50 | |
| 9th " .. | .... | .. | 258 | 45 | | 25th " .. | .... | .. | 257 | 45 | |
| 10th " .. | .... | .. | 258 | 40 | | 26th " .. | .... | .. | 257 | 40 | |
| 11th " .. | .... | .. | 258 | 35 | | 27th " .. | .... | 23 | 257 | 35 | |
| 12th " .. | .... | .. | 258 | 30 | | 28th " .. | .... | .. | 257 | 30 | |
| 13th " .. | .... | .. | 258 | 20 | | 29th " .. | .... | .. | 257 | 25 | |
| 14th " .. | .... | .. | 258 | 15 | | 30th " .. | .... | .. | 257 | 20 | |
| 15th " .. | .... | .. | 258 | 10 | | 31st " .. | .... | .. | 257 | 15 | |
| 16th " .. | .... | .. | 258 | 00 | | | | | | | |

## Table No. 2.

## Rainfall and Levels of Water in Tulsi Lake, June to October 1888.

| | Rainfall. | | Height of water in the Lake. | | | | Rainfall. | | Height of water in the Lake. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches. | Cents. | Feet. | Cents. | | | Inches. | Feet. | Feet. | Cents. | |
| 1888. | | | | | | 1888. | | | | | |
| 1st June..... | .... | .. | 434 | 60 | Overflow level 456·50. | 1st July ..... | 2 | 53 | 435 | 80 | Overflow level 456·60. |
| 2nd " .... | .... | .. | 434 | 50 | | 2nd " .... | 1 | 86 | 436 | 50 | |
| 3rd " .... | .... | .. | 434 | 35 | | 3rd " .... | .... | 45 | 436 | 60 | |
| 4th " .... | .... | .. | 434 | 25 | | 4th " .... | .... | .. | 436 | 60 | |
| 5th " .... | .... | 97 | 434 | 20 | | 5th " .... | 2 | 40 | 437 | 25 | |
| 6th " .... | .... | 54 | 434 | 15 | | 6th " .... | 3 | 37 | 439 | 00 | |
| 7th " .... | 1 | 17 | 434 | 20 | | 7th " .... | .... | .. | 439 | 15 | |
| 8th " .... | 2 | 47 | 434 | 35 | | 8th " .... | .... | .. | 439 | 20 | |
| 9th " .... | .... | .. | 434 | 30 | | 9th " .... | .... | 10 | 439 | 20 | |
| 10th " .... | .... | .. | 434 | 20 | | 10th " .... | .... | 08 | 439 | 15 | |
| 11th " .... | .... | 16 | 434 | 10 | | 11th " .... | .... | .. | 439 | 10 | |
| 12th " .... | .... | .. | 434 | 00 | | 12th " .... | .... | 29 | 439 | 05 | |
| 13th " .... | .... | .. | 433 | 90 | | 13th " .... | 1 | 85 | 439 | 20 | |
| 14th " .... | .... | .. | 433 | 80 | | 14th " .... | 2 | 57 | 440 | 00 | |
| 15th " .... | .... | 31 | 433 | 70 | | 15th " .... | 5 | 52 | 443 | 20 | |
| 16th " .... | .... | 39 | 433 | 65 | | 16th " .... | 2 | 89 | 444 | 65 | |
| 17th " .... | .... | 15 | 433 | 60 | | 17th " .... | 1 | 93 | 446 | 00 | |
| 18th " .... | .... | .. | 433 | 50 | | 18th " .... | .... | 36 | 446 | 30 | |
| 19th " .... | .... | 07 | 433 | 40 | | 19th " .... | 1 | 33 | 446 | 80 | |
| 20th " .... | .... | .. | 433 | 30 | | 20th " .... | .... | 84 | 447 | 20 | |
| 21st " .... | .... | 46 | 433 | 35 | | 21st " .... | .... | 18 | 447 | 40 | |
| 22nd " .... | .... | .. | 433 | 25 | | 22nd " .... | .... | .. | 447 | 50 | |
| 23rd " .... | 2 | 13 | 433 | 40 | | 23rd " .... | .... | 56 | 447 | 65 | |
| 24th " .... | .... | .. | 433 | 35 | | 24th " .... | .... | 29 | 447 | 75 | |
| 25th " .... | .... | 13 | 433 | 25 | | 25th " .... | .... | 24 | 447 | 85 | |
| 26th " .... | .... | 30 | 433 | 25 | | 26th " .... | .... | 23 | 447 | 85 | |
| 27th " .... | 1 | 32 | 433 | 30 | | 27th " .... | .... | 23 | 447 | 85 | |
| 28th " .... | 2 | 55 | 433 | 70 | | 28th " .... | .... | 12 | 447 | 85 | |
| 29th " .... | 3 | 24 | 434 | 30 | | 29th " .... | .... | 77 | 447 | 90 | |
| 30th " .... | 2 | 44 | 435 | 10 | | 30th " .... | .... | 24 | 447 | 95 | |
| | | | | | | 31st " .... | 2 | 90 | 448 | 90 | |

| | Rainfall. | | Height of water in the Lake. | | | | Rainfall. | | Height of water in the Lake. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches. | Cents. | Feet. | Cents. | | | Inches. | Cents. | Feet. | Cents. | |
| 1888. | | | | | | 1888. | | | | | |
| 1st August .. | 1 | 40 | 449 | 55 | | 16th Sept..... | .... | .. | 455 | 80 | |
| 2nd " .... | 2 | 08 | 450 | 00 | | 17th " .... | .... | .. | 455 | 75 | |
| 3rd " .... | 1 | 70 | 450 | 70 | | 18th " .... | .... | .. | 455 | 70 | |
| 4th " .... | 1 | 51 | 451 | 20 | | 19th " ... | .... | 24 | 455 | 60 | |
| 5th " .... | .... | 52 | 451 | 60 | | 20th " ... | .... | .. | 455 | 50 | |
| 6th " .... | .... | 68 | 451 | 80 | | 21st " .... | .... | .. | 455 | 45 | |
| 7th " .... | .. | 27 | 452 | 00 | | 22nd " ... | .... | .. | 455 | 40 | |
| 8th " .... | ..... | 71 | 452 | 20 | | 23rd " .... | .... | 45 | 455 | 32 | |
| 9th " .... | .... | 97 | 452 | 40 | | 24th " ... | .... | .. | 455 | 30 | |
| 10th " .... | .... | 28 | 452 | 60 | | 25th " .... | .... | .. | 455 | 25 | |
| 11th " .... | .... | 92 | 452 | 90 | | 26th " .... | .... | .. | 455 | 15 | |
| 12th " .... | 2 | 07 | 453 | 50 | | 27th " .... | .... | .. | 455 | 10 | |
| 13th " .... | 1 | 08 | 454 | 10 | | 28th " .... | .... | .. | 455 | 05 | |
| 14th " .... | .... | 38 | 454 | 30 | | 29th " .... | .... | .. | 455 | 00 | |
| 15th " .... | .... | 48 | 454 | 50 | | 30th " .... | .... | .. | 454 | 90 | |
| 16th " .... | .... | 79 | 454 | 60 | | | | | | | |
| 17th " .... | .... | 87 | 454 | 80 | | 1st October | .... | 70 | 454 | 82 | |
| 18th " .... | .... | 63 | 455 | 00 | | 2nd " | .... | .. | 454 | 75 | |
| 19th " .... | 1 | 65 | 455 | 40 | | 3rd " | .... | .. | 454 | 70 | |
| 20th " .... | 2 | 68 | 456 | 20 | | 4th " | 2 | 07 | 454 | 77 | |
| 21st " .... | .... | 56 | 456 | 65 | | 5th " | .... | .. | 454 | 72 | |
| 22nd " .... | .... | 13 | 456 | 60 | | 6th " | .... | .. | 454 | 65 | |
| 23rd " .... | .... | 15 | 456 | 55 | | 7th " | .... | .. | 454 | 55 | |
| 24th " .... | 1 | 65 | 456 | 85 | | 8th " | .. | .. | 454 | 47 | |
| 25th " .... | 1 | 10 | 456 | 75 | | 9th " | .... | .. | 454 | 42 | |
| 26th " .... | .... | 38 | 456 | 65 | | 10th " | ..... | .. | 354 | 37 | |
| 27th " .... | .... | .. | 456 | 60 | | 11th " | .... | .. | 454 | 30 | |
| 28th " .... | .... | 27 | 456 | 60 | | 12th " | .... | .. | 454 | 22 | |
| 29th " .... | .... | 08 | 456 | 55 | | 13th " | .... | .. | 454 | 15 | |
| 30th " .... | .... | .. | 456 | 50 | | 14th " | .... | .. | 454 | 07 | |
| 31st " .... | .... | 11 | 456 | 45 | | 15th " | .... | .. | 453 | 97 | |
| | | | | | | 16th " | .... | .. | 453 | 87 | |
| 1st Sept. .... | .... | 32 | 456 | 45 | | 17th " | .... | .. | 453 | 82 | |
| 2nd " .... | .... | .. | 456 | 45 | | 18th " | .. | .. | 453 | 77 | |
| 3rd " .... | .... | .. | 456 | 40 | | 19th " | .... | .. | 453 | 72 | |
| 4th " .... | .... | .. | 456 | 30 | | 20th " | .... | .. | 453 | 62 | |
| 5th " .... | .... | .. | 456 | 25 | | 21st " | .... | .. | 453 | 52 | |
| 6th " .... | .... | .. | 456 | 22 | | 22nd " | .... | .. | 453 | 45 | |
| 7th " .... | .... | .. | 456 | 20 | | 23rd " | .... | .. | 453 | 35 | |
| 8th " .... | .... | .. | 456 | 17 | | 24th " | .... | .. | 453 | 25 | |
| 9th " .... | .... | .. | 456 | 15 | | 25th " | .... | .. | 453 | 15 | |
| 10th " .... | .... | 22 | 456 | 05 | | 26th " | .... | .. | 453 | 05 | |
| 11th " .... | .... | 20 | 456 | 00 | | 27th " | .... | 23 | 453 | 00 | |
| 12th " .... | .... | 23 | 455 | 95 | | 28th " | .... | .. | 452 | 90 | |
| 13th " .... | .... | 22 | 455 | 90 | | 29th " | .... | .. | 452 | 80 | |
| 14th " .... | .... | .. | 455 | 87 | | 30th " | .... | .. | 452 | 70 | |
| 15th " .... | .... | 53 | 455 | 85 | | 31st " | .... | .. | 452 | 6 5 | |

Overflow level 456·50.

Overflow level 456·50.

Letter No. 14699 of 1888-89, dated 13th instant, to the Secretary, as follows :—

SIR,—I have the honour to forward, for the information of the Standing Committee, a report by Mr. Tomlinson, on the result of this year's rainfall.

It will be seen that there have only been three seasons in the last 27 years in which the Vehar Lake has been as low on the 31st October as in this year.

I visited Tulsi lately with Mr. Tomlinson and fully approve of the proposal to form a new catchwater channel to intercept the large body of water which now flows off the high hills to the west of Tulsi down the Kennery Valley. This is estimated to cost Rs. 20,000.

The completion of the western Vehar catchwater channel will cost Rs. 3,600, and I think both these works should be sanctioned

at once so as to make sure of having them ready by the burst of the monsoon of 1889. If the rains of 1889 be at all deficient there is reason to fear very great distress in the City in the hot weather of 1890, and I think every possible measures should be taken to make sure of filling both lakes in the monsoon of 1889.—I have, &c.,

F. L. CHARLES, Acting Municipal Commissioner.

No. 5268. It was agreed that the following be considered along with the Budget Estimates for 1889-90:—

"Memorandum No. 14065, dated 7th instant, from the Acting Municipal Commissioner, forwarding application from Mr. J. D. Pinto, of the Victoria Gardens, regarding the discontinuance of the travelling allowance of Rs. 20 per mensem drawn by him, and the Superintendent of the Gardens remarks thereon. The Acting Commissioner states that this is rather a hard case, and he thinks it should be met by a personal allowance of Rs. 10 per mensem."

Considered again letter, dated 1st September 1888, from Mr. Ghandee M. Byramjee, forwarding petition to the Chairman and members of the late Town Council, dated 31st August 1888, from residents of Ravelin Street leading to Hornby Road, asking that the street may be lighted at the expense of the Municipality.

Read memorandum No. 14445, dated 9th instant, from the Acting Municipal Commissioner, stating that the petition will be considered with others at the time of distributing lights out of the grant for lighting included in the next year's Budget.

*Resolved*: "That Mr. Ghandee M. Byramjee be informed, in reply to his letter, dated 1st September last, that the petition to the Chairman and the members of the late Town Council, dated 31st August last, from residents of Ravelin Street leading to Hornby Road, inclosed with his above letter, will be considered with others at the time of distributing lights out of the grant for lighting included in the next year's Budget."

No. 5269.

Considered letter, dated 27th October 1888, from Mr. Chutturbhooj Morarji, asking that the cutting off of water connection from his property at Bebee Jan Street may be postponed pending the repairs to the bib-cock attached to the connection.

Memorandum No. 4035W, dated 9th instant, from the Deputy Executive Engineer in charge Water Works,

stating that the writer has repaired the bib-cock leak, and no further action is now necessary.

*Resolved* : "That in reply to his letter, dated 27th October 1888, Mr. Chutturbhooj Morarji be informed that, as he has repaired the bib-cock leak, no further action will be taken in the matter."

No. 5270.

The consideration of application for proposed expenditure of Rs. 3,000 for cost of magnetic spongy carbon for filtering water and sewage was further postponed.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 11th November 1888.*

Read and *recorded* memorandum No. 14478, dated 9th instant, from the Acting Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888.

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated damage. | Cause of fire. |
|---|---|---|---|---|---|
| | | | | Rs. | |
| 21st Oct. 1888. | Bhangwady .. | House containing crackers, tea, printing materials, &c. | Thow Ving & Co., Keekabhoy Hurri Wallab, Jysunkar Surwashar. | 93,500 | Spontaneous combustion. |
| 30th Oct. 1888. | Bumlachor Lane, (Mody Street). | Part of House .. | Nowrojee Muncherjee Homjee. | 2,000 | Accidental. |
| 30th Oct. 1888. | Memonwada .. | Stables .. .. | Aboul Meah Haji Meah | 3,600 | Due to a spark falling on grass. |
| 1st Nov. 1888. | Pydhoni .. .. | Chemicals .. .. | ..... | 100 | Accidental. |

No. 5271.

The consideration of the Budget estimate for the year 1889-90 was proceeded with.

*Expenditure.*

The Acting Municipal Commissioner, in his Introductory Remarks, states :—

"The expenditure is taken at Rs. 52,31,330, or Rs. 1,81,145 more than the estimate of the current year. Part of this increase is nominal on account of water charges to Municipal Departments, and a new item of Rs. 9,000 appearing for the first time to provide for the establishment and contingent charges of the Land Conveyance Licence Establishment, the net receipts only having been formerly paid by the Commissioner of Police. Rs. 64,928 is due to increased debt charges owing to interest

* *See* Appendix B.

and Sinking Fund provision for new loans and to increased charges on account of the change of period from 60 to 40 years ordered by the Government of India. Rs. 24,000 is a nominal charge, being merely the investment of interest earned by the Building Fund for which credit is taken under Revenue."

The chief increases in Municipal Departments are as follows :—

" Municipal Commissioner's Department Rs. 14,692, principally due to entry of Deputy Commissioner's salary as contemplated by Sections 55 and 58 of the new Act. Chief Accountant's Department Rs. 3,992 : extra establishment rendered necessary by expansion of Revenue Expenditure. Health Department Rs. 43,426, due to extension of service to new mills and buildings yielding increased Revenue, and to anticipated increased cost of feeding bullocks owing to increased scale of food and increased number of surplus bullocks recommended by the Committee on bullocks. Markets Rs. 27,760 ; of this, Rs. 10,000 is due to biennial painting charges and Rs. 9,654 to nominal water charge, and Rs. 4,500 is due to increased bullock charges as explained above. Engineer's Department Rs. 24,987 ; of this, Rs. 12,480 is for roads, Rs. 1,919 for drainage, and Rs. 6,620 for lighting, owing to the lighting of Prince's and Victoria Docks being required by the Port Trust, Rs. 3,968 for Establishments, watering, &c. Auditors' increase Rs. 3,000 ; Fire Insurance Fund for Municipal buildings (new) Rs. 3,000 ; other small increases Rs. 11,059. Total Increase in Municipal Department Rs. 1,31,916. Decreases appear under Fire Brigade Rs. 29,349 ; and under other heads Rs. 19,350. Total Decreases Rs. 48,699."

" The net increase in expenditure amounts to Rs.1,81,145, against Rs. 2,73,000 net increase in income, showing a net gain of about Rs. 80,000 over last year's Budget.

" The closing balance is estimated at Rs. 1,38,870, including the one lakh required by law."

*Standing Committee and Corporation Establishment—Detailed Statement No.* 3—The Acting Municipal Commissioner, in his " Introductory Remarks " states :—

" Section II.—Sanctioned increment of Rs. 10 per mensem to Head Clerk, Rs. 120 per annum ; Section V.—Decrease in clothing owing to the charge being biennial Rs. 136 ; net decrease Rs. 16."

It was agreed that the consideration of this statatment be postponed until next meeting to allow of the Municipal Secretary's making a representation as to proposed increase in the staff of his office.

*Municipal Commissioner's Establishment.—Detailed Statement No.* 4.—The Acting Municipal Commissioner, in his Introductory Remarks, makes the following entries :—

" Section I.—Deputy Municipal Commissioner at Rs. 1,200 per mensem, Rs. 14,400 per annum ; Section II.—Personal Establish-

ment—Departmental clerks—Sanctioned increment to Health Department Clerk, at Rs. 5 per month Rs. 60 per annum ; Increase to Record Clerk at Rs. 5 per mensem, who has had no increase for 11 years, Rs. 60 per annum; Increase to a Copying Clerk, to retain his services in this place, at Rs. 5 per mensem, Rs. 60 per annum; 2 peon boys, required to carry letters, at Rs. 6 each, Rs. 144 per annum—Total increase, Section II—Rs. 324."

General—Night-duty peon at Municipal Office, as sanctioned by Standing Committee's Resolution No. 2738,* dated 27th March 1888, Rs. 120 per annum ; Telephone Connection, hitherto charged to Discretional Contingencies, Rs. 200—total increase, General—Rs. 320. Total of increases Rs. 15,044. *Less.*—Section IV., Clothing supplied biennially, Rs. 352. Net increase in Statement IV., Rs. 14,692.

*Municipal Commissioner's Establishment.*—Section I. —Salary of the Municipal Commissioner.

It was proposed by Col. Merewether, seconded by Surgeon-Major Waters—

"That the salary of the Municipal Commissioner be entered at Rs. 3,000 per mensem, subject to the Solicitors to the Corporation advising that the Standing Committee are authorised to propose the increase of the pay from Rs. 2,500 to Rs. 3,000."

*Withdrawn.*

After discussion, it was—

*Resolved* : That the opinion of the Solicitors be taken as to whether it is competent to the Standing Committee to make provision in the Budget for the salary of the Municipal Commissioner at Rs. 3,000 per mensem, having regard to Sections 57, 125, 126, 127, and all other sections in the Municipal Act relative to the appointment and remuneration of officer others than the Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the item of Rs. 14,400 for pay of a Deputy Municipal Commissioner be omitted."

On a division, there were 7 votes *for* and 1 *against* the motion, which was *carried*, and the item was accordingly omitted.

*Section* II, *Salary of Head Clerk.*—It was agreed, on the motion of Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—"That a personal allowance be granted to Mr. Cowasjee Nowrojee Bulsara, head clerk, commencing at Rs. 20 per mensem for 1889-90,

* Town Council's Resolution.—THE MUNICIPAL SECRETARY.

and rising by yearly increments to Rs. 100 per mensem, until the maximum of Rs. 300 per mensem, namely, Rs. 200 pay and Rs. 100 personal allowance be reached."

The final consideration of the Detailed Statement No. 4 was postponed till next week.

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BOMBAY, 21*st November* 1888.

AT the meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

Before the signing of the minutes of the meeting held on the 14th instant, it was agreed, at the request of the Acting Municipal Commissioner, that the minutes of 17th October 1888 be varied by the omission in Resolution No. 4983 of 1888-89, of the words "widow and the" before the word "son."

The minutes were then signed.

No. 5312. *Resolved :* "That, as applied for by the Acting Municipal Commissioner in his letter No. 15323, dated 20th instant, sanction be given to the payment of compensation to Mr. Govardhandas Poonja, at the rate of Rs. 20 per square yard, for the 34·85 square yards of ground, or thereabout, at Chinch Bandar Row, taken up from him for the improvement of that thoroughfare."

No. 5313. The seal of the Corporation was affixed to deed of contract with Mr. Byramji Jehanghir for paving footpaths in various parts of the city.

Read letter No. 15083, dated 16th instant, from the Acting Municipal Commissioner, as follows :—

SIR,—Referring to Town Council's Resolution No. 2802, dated 11th July last, I have the honour to report that on the Collector bringing to my notice that the site selected was surrounded by private land, it was necessary to add a further strip to the plot selected to admit of access, I have therefore the honour to forward an amended tracing for the record of the Standing Committee. The number of yards is the same as originally sanctioned.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

*Resolved:* "That the amended tracing* now forwarded by the Acting Municipal Commissioner, under his No. 15083, dated 16th instant, showing the ground at a passage leading to Mahim Fort, taken up as site for a latrine be *recorded.*" No. 5314.

Read the following:—Letter No. 11471, dated 4th ultimo, from the Acting Municipal Commissioner, to the Collector of Bombay, as follows:—

SIR,—With reference to your letter No. 2111, L.R., dated 5th ultimo, I have the honour to state that the Town Council (now Standing Committee), while passing the charge on the 12th idem, requested me to ascertain from you as to why the fees of the Government Solicitors were to be paid by the Municipality.

I shall be obliged, therefore, by your kindly giving me the necessary information on the subject.

The impression in the mind of some of the members was, that as Government pay their Solicitors a fixed salary, no separate charge should be made for their services in upholding the Collector's award.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Letter No. 2626 L.R., dated 14th instant, from the Collector of Bombay, to the Acting Municipal Commissioner, as follows:—

SIR,—In reply to your letter No. 11471 of 4th ultimo, I have the honour to refer you to section 56 of the Land Acquisition Act X of 1870, from which you will see that the charges incurred by the Collector in acquiring land for the Municipality are payable out of Municipal Funds.

2. As regards para. 3 of the letter under reply, I beg to state that the Municipality have nothing whatever to do with the arrangements between Government and its Law Officers, and that the fixed monthly payments made by Government to its Law Officers do not cover the costs in question.—I have, &c., H. W. BAGNELL, *for* Collector.

Memorandum No. 15282, dated 19th instant, as follows:—

Copy, with copy of Commissioner's No. 11471, dated 4th October last, is forwarded to the Standing Committee with reference to Town Council's Resolution No. 4247, dated 12th September last.—F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That the following be *recorded:*—Memorandum No. 15282, dated 19th instant, from the Acting Municipal Commissioner, on the question of the fees payable to the Solicitor to Government, included in the charges for the taking up from Mr. Zoolficar No. 5315.

* Filed in Supplement to Minute Book marked A.

Alikhan, of land for the construction of the Ollivant Bridge, Nesbit Road."

*Carried.*

No. 5316. Read and *recorded* memorandum No. 15276, dated 19th instant, from the Acting Municipal Commissioner, reporting that he has sanctioned the hiring of meters at the following rates :—

Siemen's—½ inch, Rs. 4 each; ¾ inch, Rs. 5; 1 inch, Rs. 6. Kennedy's—⅜ inch, Rs. 4 each; ½ inch, Rs. 5; ¾ inch, Rs. 6.

No. 5317. *Resolved :* "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 15272, dated 19th instant, sanction be given to the payment of Rs. 201-7-0, for law charges in connection with the compensation appeal for damage done to a house in Islampura Street during the progress of Khetwadi house sullage water connection works. The charge to be debited to the grant for the work."

Read memorandum No. 14809, dated 13th instant, from the Acting Municipal Commissioner, forwarding letter, dated 13th idem, from the Chief Accountant, reporting, with reference to the late Town Council's Resolution No. 1125, dated 23rd May 1888, sanctioning arrangements made with the Bank of Bengal for taking up the Debentures of the Tansa Water Works Loan of Rs. 11,82,000, that the Agent of the Bank has informed the Chief Accountant that, as the Government of India has not yet sanctioned the raising of the full loan, the Bank has cancelled the arrangement so far as regards the instalment of Rs. 4,00,000 on account of the above loan which was due on the 1st instant, and the balance of Rs. 60,000, on account of the instalment of Rs. 2,82,000, in connection with the same loan, which was due on 1st October last. As soon as the Government of India sanction the raising of the full loan, these sums can be reserved for the Building Fund after investing Sinking Fund at par.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5318. "That memorandum No. 14809, dated 13th instant, be *recorded* for the present, the Acting Municipal Commissioner being requested to bring forward the question of the raising of the balance of Rs. 11,82,000 Loan, as soon as the Government of India give their assent to the raising of the whole of the said loan."

*Carried.*

*Resolved:* "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14710, dated 13th instant, sanction be given to the payment of a batta allowance of Rs. 22-12-0, to two Lascars, Anta Mallu and Rajaba Vithu, employed on the work of constructing drain at the Bandora Slaughter-houses, at the rate of annas 2 each per diem. The charge to be debited to the grant for the said work."

No. 5319.

*Resolved:* "That, as recommended by the Acting Municipal Commissioner in his memorandum No. 14709, dated 13th instant, the Standing Committee approve under Section 172 of the Municipal Act III. of 1888, of the levy of Rs. 6-14-0 per mensem from 1st April 1888 for special Halalkhor service, to tiled huts and chawls in Narelwadi, Mount Road."

No. 5320.

The consideration of application for sanction to the erection of arcades in certain streets was postponed.

With the consent of the meeting, the Chairman gave precedence to item 18 on the agenda paper (the question of a chain and badge of office for the President).

Considered again Resolution of the Corporation No. 4578, dated 4th October 1888, as follows :—

"That, in the opinion of the Corporation, it is desirable that a chain and badge of office should be provided for the President, and that the Standing Committee are hereby directed, after making such inquiry as they deem fit, to report to the Corporation what the probable cost will be, and how the money is to be obtained."

Read memorandum No. 15274, dated 19th instant, from the Acting Municipal Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 4965, dated 17th ultimo, letter dated 15th idem, from Messrs. Crawford and Buckland, as follows :—

SIR,—In returning the papers forwarded for opinion under your No. 12463, dated the 20th ultimo, we have the honour to state that we can find no provision in the City of Bombay Municipal Act, 1888, which would justify an outlay from the Municipal Fund, for the purpose of providing a chain and badge of office for the President of the Corporation.

Sections 61 and 62 define the several matters, for which it is incumbent on the Corporation to make adequate provision, and we need hardly say that the purpose in question certainly does not come within the terms of any sub-clause of either of those sections.

Section 63 on the other hand purports to state the matters for which the Corporation *may in their discretion* provide, and those

matters, so far as sub-clauses (*a*) to (*j*) inclusive, and sub-clause (*l*) are concerned, are so specifically defined, that it is unnecessary to discuss them in detail; it is sufficient to say that by no possible straining of language could they be held to justify such an outlay; it only remains then to consider whether it could possibly be held to be covered by the more general clause (*k*):—"Any measure not hereinbefore specifically named likely to promote public safety, health, convenience or instruction." As to this we can only say that we do not for our part see how the provision of a chain and badge of office for the President, could be likely to promote either of those objects.

It seems to us that Municipal moneys cannot be legitimately applied to any other purposes than are comprised in one or other of the sections we have referred to.—We have, &c.,

CRAWFORD & BUCKLAND.

No. 5321. It was agreed to postpone the consideration of this question.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 5322. "That, as applied for by the Acting Municipal Commissioner in his memorandum No. 15135, dated 17th instant, sanction be given to the renewal of so much of the unexpended balances of the different loan allotments for 1887-88 (Rs. 32,64,889-4-5) as will be required up to the end of the current year, amounting to Rs. 23,65,508-7-3 as under :—

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| (1) 17 lakhs Drainage Loan of 1878 | 33,868 | 4 | 0 | 33,868 | 4 | 0 |
| (2) 10 lakhs Bhandarwada Loan ... | 44,728 | 9 | 5 | 44,728 | 9 | 5 |
| (3) 44 lakhs Sanitary Works Loan.. | 8,04,299 | 8 | 1 | 1,60,133 | 4 | 11 |
| (4) Tansa Water Works Loan (47 lakhs) ..... | 15,40,301 | 9 | 3 | 15,40,301 | 9 | 3 |
| (5) 7 lakhs Sanitary Works Loan... | 2,92,930 | 12 | 11 | 2,72,930 | 12 | 11 |
| (6) 12 lakhs Drainage and Water Works Loan ..... | 5,35,943 | 14 | 6 | 3,00,729 | 4 | 6 |
| (7) Loan Works Establishment Fund | 12,816 | 10 | 3 | 12,816 | 10 | 3 |
| Total...Rs. | 32,64,889 | 4 | 5 | 23,65,508 | 7 | 3 |

"That the balance of Rs. 8,99,380-13-2 be included in the opening balance shown in Loan Works Budget for 1889-90."

*Carried.*

No. 5323. The further consideration of the Budget Estimates for the year 1889-90 was proceeded with.

*Standing Committee and Corporation Establishment.*

*Detailed Statement No. 3—contd.—Section II., Office Establishment.*—The Municipal Secretary reported to the Standing Committee the inadequacy of his office establishment and applied for the services of a competent Office Manager on a salary of Rs. 150 per mensem, rising to Rs. 200. As the Head Clerk who draws a lower salary, is of very long service, the Standing Committee were asked to allow him to retain that designation, the new officer being appointed as "Office Manager."

The Municipal Secretary also applied to have the salary of the appointment of Second Clerk fixed at Rs. 60 and that of the Third Clerk fixed at Rs. 55 per mensem. The services of a fifth peon (boy) were also asked for, as the four peons now employed are not sufficient.

The Standing Committee having discussed this application, decided to recommend the Corporation to sanction the same, and the necessary entries were made in statement No. 3.

The Budget Estimate for next year for this establishment was then passed at Rs. 48,108. (*The grant for the current year is Rs.* 46,072.)

*Detailed Statement No.* 4.—*Municipal Commissioner's Establishment.*—A letter to the Chairman, dated 19th instant, was received from Messrs. Crawford & Buckland, Solicitors to the Corporation, in reply to letter from the Chairman of the Standing Committee, No. 5275, dated 16th idem, stating that they consider it is quite competent to the Standing Committee to make provision in the Budget Estimate for 1889-90 for the salary of the Municipal Commissioner at Rs. 3,000 per mensem.

Proposed by Colonel Merewether, seconded by Surgeon-Major G. Waters—

"That the salary of the Municipal Commissioner be entered in the Budget Estimates at Rs. 3,000 per mensem."

On a division, the motion was *carried*, the votes being 6 *for* and 4 *against.*

Proposed by Colonel Merewether—

"That the item of Rs. 1,200 per mensem for pay of an Assistant Municipal Commissioner be entered in the Budget for 1889-90."

*Not seconded.*

The Chairman gave notice of his intention to propose a vote of thanks to Mr. Charles on his retirement from the office of Acting Municipal Commissioner.

Mr. Cowasjee Hormusjee intimated that he would be glad to second the motion.

The Committee adjourned to 2 P.M. on Wednesday, the 28th instant.

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BOMBAY, 28*th November* 1888.

AT the meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E., The HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S., (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 21st instant, were signed.

No. 5355. Read and *recorded* memorandum No. 15870, dated 26th instant, from the Municipal Commissioner, forwarding copy of letter No. 15869, dated the same, to the Secretary to Government, in the General Department, as follows :—

SIR,—We have the honour to report that we have this day, before office hours, respectively delivered over and received charge of the office of Municipal Commissioner for the City of Bombay.—We have, &c.,—F. L. CHARLES, E. C. K. OLLIVANT.

In accordance with notice of motion, it was proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 5356. "That the best thanks of the Standing Committee be tendered to Mr. F. L. Charles, C.S., for the valuable and indefatigable services rendered by him as Acting Municipal Commissioner of Bombay during the last 17 months."

*Carried* by 10 votes *against* 1.

No. 5357. The seal of the Corporation was affixed to an address to be presented to the Most Hon'ble the Marquess of Lansdowne, G.C.M.G., Viceroy and Governor-General designate, on his arrival in Bombay.

Considered the following :—

# BOMBAY MUNICIPALITY.

## Water Works Department.

LIST of cases for which sanction of the Standing Committee is requested to the severing of water connections under Section 279 of Act III. 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| G | 1856 | 851A | De Lisle Road..... | Kumbhar Vacha Curson. | For non-payment of water rate Bill No. 5079 for Rs. 56-6-5, from 1st April to 30th June 1888, presented on 9th August 1888. | 12-9-88. | | Assessor. |
| B | 2035 | 5-6 | 1st Kumbarwada Cross Lane. | Ismail Jusab Lacka ..... | Water is allowed to be used by the occupiers of the adjoining house, Ward No. 2034. | 21-11-88. | 194 | Azavedo. |
| B | 1558 | 52-56 | Old Bengalpura St... | Dedar Devji Thakar..... | Water is allowed to run to waste by the tap which is under the plynth. | " | 195 | " |
| B | 1540 | 47-53 | Do. ... | Ibrahim Haji Hasan..... | Do. do. ..... | " | 196 | " |
| B | 4102 | 64-70 | Nowrojee Hill Road (North). | Bhagwan Bhimsab..... | Water is used for building purpose..... | " | 197 | " |
| B | 4022(1), 4022 (2) | 216-218 & 218A | 2nd Nowrojee Hill Road. | Narayen Dhunji..... | Do. do. ..... | " | 198 | " |
| B | 3813 | 172-176 | 1st Nowroji Hill Rd. | Bhai Dhurmaji Nagu ... | Water is allowed to be carried away by outsiders and occupiers of No. 149 in the same street. | " | 199 | " |
| B | 3810 | 156-162 | Do. ... | Moses Eliza Rajpurker... | Water is allowed to be carried away by outsiders and occupiers of No. 143. | " | 200 | " |
| B | 3665 | 1 & 665 & 669 | Dongri Street ... | Dewkaran Valji..... | Water is allowed to outsiders and run to waste. | " | 201 | " |
| B | 3000 | 280-286 | Samuel Street..... | Datubai Manji ..... | Water is allowed to outsiders and also to Jamatkhana, Ward Nos. 2995 to 2999, in the same street. | " | 202 | " |
| B | 1369-1370 | 146-156-158-166 | Kajee Sayad Street.. | Tulsidass Narayendass... | Water is allowed to be used by the occupiers of the adjoining houses. | " | 203 | " |
| B | 1703 | 28-36 | Dariasthan Street ... | Annundji Kanji..... | Water is allowed to be used by outsiders and also run to waste. | " | 204 | " |
| B | 2036 | 7-10 | 1st Kumbarwada Cross Lane. | Jetibai, wife of Bija Damji | Do. do. ..... | " | 205 | " |
| B | 3797 | 114-118 | 1st Nowroji Hill Rd. | Apa Gopal Dewle ..... | Do. do. ..... | " | 206 | " |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| B | 1689 | 29-31 | Tantanpura..... | Dhanji Karmally ..... | Water is allowed to be used by the occupiers of Ward No. 1685-1686 in the same street. | 21-11-88. | 207 | Azavedo. |
| B | 2962 | 26-30 & 120-126 | Tantanpura and 1st Chinchbunder Row | Dewji Kesra Khoja ..... | Water is allowed to be used by the outsiders and run to waste. | „ | 208 | „ |
| C | 625 | 71-73 | Mirza Street ..... | Jabhai Tyebally..... | House is pulled down ..... | „ | 209 | Manockjee. |
| C | 7023 | 143-147 & 42-50 | Dr. Street and Khara Tank Street. | Mahomed Yacub bin Shaik Adum Demusken | Do. and the service pipe is exposed to public. | „ | 210 | „ |
| C | 7182 | 81 to 83 & 19 to 33 | Chimna Butcher and KharaTank Streets | Moroba Narayen..... | The house is under reconstruction, and water is used for pounding chunam. | 20-11-88. | 211 | „ |
| C | 7760 | 56 to 62 | Northbrook Street... | Jewa Maldew ..... | Water is allowed to be used in Ward No. 7797-7799, Street Nos. 29 to 33, 1st Palton Street of the same owner. | 23-11-88. | 212 | „ |
| D | 83 | 180 to 192 | Thakordwar..... | Manager of Mahajan of Halia Lohana Caste. | The house is pulled down ..... | 21-11-88. | 213 | Cursetjee. |
| E | 7661 | 416 | Parel Road ..... | Bhimji Hariram..... | Water is used for building purpose..... | „ | 214 | Ardaseer. |
| E | ..... | 490 | Falkland Road ..... | Panachand Herachand... | Water is allowed to run to waste..... | „ | 215 | „ |
| E | 4075 (3) (4) | 262 B 262 C | Ripon Road..... | Aba Aboo ..... | Water is used for pounding chunam ... | „ | 216 | „ |
| E | ..... | 11 | Victoria Road..... | Bhimji Purshotum ..... | Water is allowed to run to waste ..... | 22-11-88. | 217 | „ |
| G | 2351 | (3) | DeLisle Road ..... | Shaik Adam Isubhai..... | Water is used for building purpose ..... | „ | 218 | Cassinath. |
| G | 2503 | 15 | Elphinstone Road ... | Jooma Sukur ..... | Do. do. ..... | „ | 219 | „ |
| C | 4431 to 4444 | 37-39 (1)to14 | Cahtedral Street..... | Heirs of Madowji Purshotum and Moroba Balkrishna. | Water is used for pounding chunam for the adjoining house No. 10, Malarav Lane. | 21-11-88. | 220 | Manockjee. |
| C | 7928 | 15 to 31 | Cooper Street ..... | Navazbai, wife of Framji Rastamji Vacha. | The house is pulled down, and water used for pounding chunam. | „ | 221 | „ |
| B | 2074 | 8-10 | 3rd Don Tad Cross Lane. | Lalji Sumar..... | Water is allowed to outsiders and run to waste. | 22-11-88. | 222 | Azavedo. |
| B | 2075 | 12-14 | Do. ... | Abdulkhan bin Abdul Rehman Pathan. | Do. do. ..... | „ | 223 | „ |
| B | 2065 | 29-31 | Do. ... | Salam Babaji ..... | Do. do. ..... | 21-11-88. | 224 | „ |
| B | 2069 | 49-51 | Do. ... | Mulji Jivraz ..... | Do. do. ..... | „ | 225 | „ |
| B | 1736 | 41-43 & 33-35 | Khadak Street and 3rd Don Tad Cross Lane. | Halamji Isaji Gatsalker.. | Do. do. ..... | „ | 226 | „ |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| B | 2841 | 83 & 4 | Nishanpada Street and Tantanpura St. | Jerajbhoy Peerbhoy ..... | Water is allowed to be used by the buffaloe-keepers in Ward No. 2843. | 21-11-88. | 227 | Azavedo. |
| B | 4051 | 25 | 1st Nowroji Hill Rd. | Dewji Dhanji..... | Water is allowed to outsiders..... | 22-11-88. | 228 | „ |
| C | 5779 | 111-119 | Cowasji Patel Tank Road. | Dyal Mowji..... | Water is allowed to run to waste ..... | 21-11-88. | 229 | Manockjee. |
| B | 2037 | 11-15 | 1st Kumbarwada Cross Lane. | Ruttonsi Dongersy Jadowji. | Water is allowed to outsiders and run to waste. | 22-11-88. | 230 | Azavedo. |
| B | 2371 | 482-488 | Nagdevi Road..... | Sumar Currim..... | Water is used for building purpose ..... | „ | 231 | „ |
| B | 1464 | 27-29 & 282-288 | Jambly and Janjirkar Streets. | Janabai, widow of Succaram Pendaray. | Water is allowed to outsiders and run to waste. | „ | 232 | „ |
| B | 1365 | 136-140 | Kaji Syed Street ... | Lada Sunderji..... | Do. do. ... | „ | 233 | „ |
| B | 471 | 204-206 | Chakla Street..... | Khetsi Bhimji ..... | Do. do. .. | „ | 234 | „ |
| C | 7154 | 110 | Mutton Street..... | Goolam Mohidin bin Dadu Meya Panvelker, Manager of Mosque. | Water is allowed to be used for stabling purposes in Ward No. 7155, Street No. 112-114, Mutton Street and 85 Chimna Butcher Street. | 24-11-88. | 235 | Manockjee. |
| C | 4408-4409 | 9 & 1 | Malarav Vadi ..... | Joseph DeCosta, or the present owner. | House is pulled down and is under reconstruction. | 22-11-88. | 236 | „ |
| F | 38 (2) | 1 A | Parel Road ..... | Hari Bheru Kokunee ... | Water is allowed to be used by the inmates of house Nos. 466 to 480, Ward No. 37. | 24-11-88. | 237 | Chaves. |
| C | 2067 | 82-84 | Girgam Road ..... | Hormusji Shapoorji Javaree. | Service pipe is out of order ..... | 22-11-88. | 682 | Manockjee. |
| C | 2130-2131 | 42-44 (1) | Colbhat Road..... | Bai Radabai, widow of Manick Bajerav. | Do. do. ..... | | 683 | „ |
| C | 2 92 | 72-74 | Agiary Lane..... | Bezonji Hormusji.. ..... | Stopcock is out of order ..... | „ | 684 | „ |
| C | .3 | 169-171 | Dr. Street..... | Vora Alibhoy Rahemonji. | Service pipe is out of order..... | 26-11-88. | 687 | „ |
| C | 2729 | 287-289 291 (1) | Lohar Street ..... | Bhau & Balset Pavosker. | Ferrule is out of order..... | 24-11-88. | 690 | „ |
| A | ... | 3-5 | Apollo Street (H. M.'s Dockyard, Northbrook Gate.) | Executive Engineer, Military Works. | 3" Private meter is out of order..... | 21-11-88. | 25 | Rustomji. |
| A | ..... | 131 | Hornby Road ..... | TheSecretary, J. J. Parsee Benevolent Institution. | 1" Private meter is out of order ..... | 24-11-88. | 26 | „ |
| F | 935 | 295 | Bhoewady Road..... | Dadoo Jugunath Thacoor | Service pipe is out of order..... | 23-11-88. | 1778 | Chaves. |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| F | 936 | 296 | Bhoewady Cross Rd. | Dadoo Jugunath Kinee ... | Service pipe is out of order..... | 28-11-88. | 1779 | Chaves. |
| F | 937 | 297 | Do. do. ... | Pandoo Mahadoo Kinee.. | Do. do. ..... | „ | 1780 | „ |
| F | 6 | 12 | Kallachowky Road... | Rowji Ballajee ..... .. | Stopcock and bibcock are out of order. | 24-11-88. | 1781 | „ |
| F | 198 | 166-182 | Suparibag Road ... | Cassinath Withoba ..... | Service pipe is out of order ..... | 23-11-88. | 1782 | „ |
| F | 163 | 112 | Do. do. .. | Luckumsee Nupoo..... | Do. do. ..... | „ | 1783 | „ |
| F | 3538 | 779 | Wadalla Village ... | Joseph Rodrigues ..... | Require a lid over the stopcock box | „ | 1785 | „ |
| *F* | *10* | *20* | *Kallachowky Road..* | *Naraven Malajee .....* | *Stopcock is out of order .....* | „ | *1786* | „ |
| *A* | ..... | *5 to 11* | *Upper Colaba .....* | *The Executive Engineer, Military Works.* | *Stopcock and service pipe are out of order, and also require a lid over the stopcock box on road.* | „ | 4618 | Rodrigues. |
| A | ..... | 229 | Do. ... | Do. ..... | Stopcock is out of order, and require a lid over the stopcock box. | „ | 4620 | „ |
| A | ..... | 21 | Frere Road ..... ..... | C. H. B. Forbes & Co. ... | Sluice valve is out of order ..... | ..... | 4622 | „ |
| C | ..... | 39 | Charniwady .. ..... | Rama bin Sukajee Halkar Koli. | Bibcock and service pipe are out of order. | 28-11-88. | 4626 | |
| A | 1881 | 71 A | Frere Road ..... | Syed Jaffer ..... ..... | Stopcock box is broken ..... | 27-11-88. | 4629 | |
| C | New | building. | Musjid Street ..... | Haji Mahomed Ismail ... | Stopcock is out of order ..... ..... | 20-11-88. | 3707 | s. |
| C | 5072 | 55-57 | Bhuleshwar Street... | Udhavji Megjee..... | Do. ..... | 24-11-88. | 3710 | |

No. $\frac{W}{4336}$ OF 1888-89.

Forwarded to the Municipal Commissioner.

S. TOMLINSON, C.E.,
Deputy Executive Engineer,
In charge Water Works.

BOMBAY, 28*th November* 1888.

No. 16012 OF 1888-89.

Submitted to the Standing Committee.

E. C. K. OLLIVANT,
Municipal Commissioner.

BOMBAY, 28*th November* 1888.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5358. "That sanction be given, under section 279 of the Municipal Act III. of 1888, to the cutting off of water connections as per list accompanying the Municipal Commissioner's memorandum No. 16012, dated this day."

*Carried.*

No. 5359. "*Resolved:* That, as recommended by the Acting Municipal Commissioner in his memorandum No. 15683, dated 24th instant, the rate of compensation fixed by the late Town Council, on the 10th December 1884, for the 23·11 square yards of ground, or thereabout, taken up from Thaker Dyal Nursey, for the improvement of Malabar Hill Road, be increased from Rs. 1-8-0 to Rs. 5 per yard."

Considered letter, dated 16th January 1888, from Hadji Oosman Hadji Chotaney, asking that he may be paid Rs. 10 per square yard for the land taken up from him for the improvement of Dhunji Street. Referred to the Acting Municipal Commissioner for remarks on the 18th January 1888.

Read memorandum No. 15682, dated 24th instant, from the Acting Municipal Commissioner, recommending that the rate of compensation fixed by the late Town Council on the 7th December 1887, for the ground in question, be increased from Rs. 3 to Rs. 5 per yard.

No. 5360. "*Resolved*: That, as recommended by the Acting Municipal Commissioner in his memorandum No. 15682, dated 24th instant, the rate of compensation fixed by the late Town Council in their Resolution No. 1744, dated 7th December 1887, for the 48·43 square yards of ground, or thereabout, at No. 8, Dhunji Street, taken up from Hadji Oosman Hadji Chotaney, for the improvement of that thoroughfare, be increased from Rs. 3 to Rs. 5 per yard."

Considered memorandum No. 15658, dated 24th instant, from the Acting Municipal Commissioner, asking sanction, under section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter No. 10344B, dated 21st idem, to the Acting Commissioner, as follows :—

SIR,—I have the honour to report that Mr. Fatay Mahomed Rahimtula has, without permission, erected a shed, measuring 29 feet by 11

feet, on ground previously unbuilt upon at his premises at Kala Chowki Road. The shed has no plinth. It consists of 4 rooms, each measuring 11 feet × 8 feet and 7 feet high at the eaves. The front and partition walls are made of bamboo chips, and the rear wall of corrugated iron. There is a tiled roof on teakwood posts. The work of building was commenced on or about the 17th October last, and a notice under section 351 of the City of Bombay Municipal Act, 1888, requiring the owner to show sufficient cause why such building should not be pulled down, was served on the 6th instant, but it has not yet been complied with. The shed is now completed and used as a godown. It would appear that the only course is to obtain sanction of the Standing Committee, under section 351 (2), to demolish the said shed.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer.

Proposed by Sir Henry Morland, seconded by Colonel G. L. C. Merewether—

No. 5361. "That sanction be given, under section 351 (2) of the Municipal Act III of 1888, to the demolition of shed erected at Kala Chowki Road, the property of Mr. Fatay Mahomed Rahimtula."

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5362. "That sanction be given to the acceptance of the tender of Messrs. Bhomaji Shivaji & Co.—the lowest of 6 tenders received—for the construction of storm-water drains in Parel and Ripon Roads, at a cost of Rs. 40,030, *plus* Rs. 4,000, for cost of removing surplus material excavated for the drains for filling up compound of hospital at Arthur Road, and *plus* Rs. 2,001-8-0, for contingencies at 5 per cent.—total Rs. 46,031-8-0—against the budget grant of Rs. 57,185."

*Carried.*

No. 5363. Read and *recorded* memorandum No. 15353, dated 20th instant, from the Acting Municipal Commissioner, reporting that he has accepted the offer of Bhau Manglia for right to rear and catch fish in Futka Tank at Matunga for Rs. 50 per annum. (This right has been sold for the first time this year.)

No. 5364. *Resolved:* "That, as applied for by the Municipal Commissioner in his letter No. 15707, dated 24th instant, sanction be given to the employment of 6 halalkhors at Rs. 11-8-0 each per mensem and 4 Lascars at Rs. 10 each per mensem, required for the maintenance of Khetwadi house sullage water connections. The cost

up to the end of the year to be debited to the grant for Miscellaneous Drainage."

The consideration of application for grant towards the cost of removing material excavated from streets in the Fort in connection with the drainage thereof to Byculla for filling in portion of tank at the Victoria Gardens, was postponed pending inquiry by the Commissioner on the subject.

No. 5365. The following was, for the present, *withdrawn* by the Commissioner :—Memorandum No. 15141, dated 17th instant, from the Acting Municipal Commissioner, forwarding, as required by Section 79 (1) of the Municipal Act III of 1888, a general Schedule prepared by the Chief Accountant, showing the establishments employed in the different departments of the Municipality, and asking sanction to the establishments contained therein.

No. 5366. *Resolved :* " That the Corporation be recommended to sanction the writing off of Rs. 144-15-0, being the book value of a portion of the stationery ordered out from England in 1879, which stationery was destroyed by white ants."

*Ordered :* " That the following be considered along with the Budget Estimates for the year 1889-90 :—Memorandum from the Acting Municipal Commissioner, forwarding, for favourable consideration, application from Mr. Pundlic Ganesh, Superintendent of Buildings and Roads, A, B and C Wards, for an increase of his present pay and allowance of Rs. 350 per mensem."

No. 5367. *Resolved :* " That the Corporation be recommended to sanction the writing off as loss of Rs. 1,488-8-7, from the live-stock return of the Health Department, being the book value of 19 bullocks that died, 2 that were destroyed and 1 bullock and 1 horse that were sent to Pinjrapol—total 22 bullocks and 1 horse—during the quarter ending 31st August 1888."*

* *Causes of death :* 2 inflammation of hearta nd lungs, 2 inflammation of lungs and general debility, 1 inflammation of bowels, 1 lungs inflamed and abscess in ventricles, 2 flatulent colic, 8 old age and general debility, 1 abscess and general debility, 1 congestion of lungs and general debility, 1 from the effects of injury, old age and general debility : total 19 died, 2 destroyed and 1 cast bullock and 1 horse sent to Pinjrapol. Total died, destroyed, &c., 22 bullocks and 1 horse. *Locality where death or invalidating took place* : 6 Bori Bandar hospital, 5 Sankli Tank hospital, 2 C Ward stable, 2 D Ward stable, 1 E Ward stable, 2 G Ward stable, and 1 Girgam stable, 2 destroyed and 1 sent to Pinjrapol. Total 22 bullocks and 1 horse. Percentage on the whole stock of bullocks, 5·8.

*Resolved* : " That sanction be given, under section 21 (4) of the Municipal Act III of 1888, to the charging of Rs. 2 per copy for the Municipal Election Rolls which will come into operation on and after 10th December 1888."

No. 5368.

*Resolved* : " That sanction be given, under section 169 of the Municipal Act III of 1888, to the charging for water supplied to the properties, Ward No. 6852, Matunga Road, and Ward No. 213 (1 & 2), Bhoiwadi, Parel Road, by meter at 4 annas per 1,000 gallons, as per the late Town Council Resolution No. 2460, dated 7th March 1888."

No. 5369.

The following were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 18th and 25th November 1888.*

Read and *recorded* memoranda Nos. 15153 and 15656, dated 16th and 24th instant, from the Acting Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated damage. | Cause of fire. |
|---|---|---|---|---|---|
| 12th Nov.1888. | Parsi Bazar Gate Street. | Shop .. | Mr. Kurimji Ebramji. | Rs. 10.. | Not known. |
| 14th Nov. 1888. | Punchayet Wadi, Bhuleshwar. | A quantity of dry grass. | Not known .. | Annas 8.. | A bidi thrown from an adjacent house. |
| 17th Nov.1888. | Prince's & Victoria Docks. | Bales of hay in Dock | On board of S.S. Werneth Hall. | Only nominal. | Smoking. |

No. 5370.

The further consideration of the Budget Estimates for the year 1889-90 was proceeded with.

*Municipal Commissioner's Establishment—Detailed Statement No.* 4 —continued.

*Section II, Personal Establishment.*—On the recommendation of the Municipal Commissioner, it was agreed that the pay of the record clerk and of the second copying clerk be raised from Rs. 65 and Rs. 20 to Rs. 70 and Rs. 25 per mensem, respectively.

* *See* Appendix B.

It was also agreed that sanction be given, as recommended by the Commissioner, to the employment of two additional peon-boys at Rs. 6 each per mensem.

*Section IV, General.*—On the recommendation of the Commissioner, sanction was given to the employment of an additional peon at Rs. 10 per mensem, for night duty, in the Municipal Office.

*Printing Voters' List.*—This grant was passed at Rs. 2,000. (*The grant for the current year is Rs.* 1,000.)

*Law Charges.*—This grant was passed at Rs. 18,000. (*The grant for the current year is the same.*)

It was agreed that this Detailed Statement be divided into two parts, the first showing the charges for the Commissioner's Office proper, and the second part those charges which are general, as law charges, printing Voters' Lists, &c., &c.

The Budget Estimates for the department as thus shown, for the year 1889-90, were passed at Rs. 77,669. (*The grant for the current year is* Rs. 70,137.)

*Chief Accountant's Department—Detailed Statement No.* 5.—The Municipal Commissioner, in his Introductory Remarks, makes the following remarks :—

" Increases to Establishment as shown below have been entered, as the rapid growth of both Revenue and Expenditure, prevents the present Establishment from keeping pace with the work, though they remain in office long beyond the regular hours and are denied holidays and leave.

" The following table shows for a few of the items of work how large the increase has been :—

| | Cash received and paid, and adjustments. | Town Duty Certificates Examined. | Audit of Health and Engineer's Departments. |
|---|---|---|---|
| | | | Rs. |
| 1878 ... ... | 171 Lakhs. | 12,754 | 15,80,000 |
| 1887-88 ... ... | 421 „ | 28,835 | 26,66,000 |
| Increase ... ... | 250 Lakhs. | 16,081 Certificates. | 10,86,000 Or say 11 Lakhs. |

" Similarly the vouchers examined have risen from 24,242 to 49,251, or an increase of 25,009.

"The increases to Establishment required are—

"*A—Accounts Branch.*—1 Clerk for Loans, Sinking Fund and other Investments and Bank Accounts at Rs. 35 ; 1 Assistant Subsidiary Ledger-keeper, Rs. 25 ; 1 Voucher Clerk at Rs. 20. Total Accounts Branch per month, Rs. 80.

"*B—Audit Branch.*—1 Assistant, Audit Branch, increased pay ; the present pay (Rs. 200) being fixed in 1872 : to rise to Rs. 250 by annual increments of Rs. 10, Rs. 10 ; 3 Audit Clerks (whose pay was fixed at Rs. 110 and Rs. 100 in 1872): to rise by annual increments of Rs. 5 to Rs. 125 each, Rs. 15 ; 1 new Clerk for Audit of Health and Engineer's Departments, and Victoria Gardens Revenue Accounts : Rs. 75, rising to Rs. 100, Rs. 75 ; 1 Assistant Audit Clerk, Engineer's Department, Rs. 60. Total increase, Audit Department, per month, Rs. 160.

"*E.—Correspondence Branch.*—2 Record Clerks (Health and Engineer's Department, Rs. 30 each, Rs. 60 ; 1 Copying Clerk, Rs. 25. Total Correspondence Branch, Rs. 85.

"*Peons.*—1 Peon for Cash Branch, at Rs. 10 ; 1 Peon for Office, at Rs. 8 ; 1 Peon for Office, at Rs. 7. Total Rs. 25. Total monthly increase, Rs. 350, or per annum, Rs. 4,200 ; *Less*—Section V.—Clothing—decrease - being a biennial charge, Rs. 208 ; Net Annual Increase, Chief Accountant's Department, Rs. 3,992."

It was decided that increments already sanctioned by the Corporation be passed, but that the question of fixing new scales or making new appointments except as hereinbefore provided be postponed until the Schedule of establishments is considered by the Standing Committee.

The estimates for the department for the year were passed at Rs. 53,760. (*The grant for the current year is* Rs. 53,968.)

Major Selby gave notice that when the Schedule of appointments is considered he will object to the pay of future incumbents of the office of Chief Accountant being fixed at the maximum of Rs. 1,200 per mensem.

*Assessment and Collection Department—Detailed Statement* No. 6.—The Municipal Commissioner, in his Introductory Remarks, makes the following remarks :—

"Section I.—Assessor and Collector—Sanctioned increment, Rs. 50 per mensem, per annum Rs. 600 ; maximum pay Rs. 1,200, as sanctioned by Standing Committee last year—Resolution No. 1536 of 9th November 1887. Section III.—Ward Inspection Offices—Increase to Mr. Sorabji Bomanji Master, Rs. 25 per mensem owing to approved service and to increased work due to extension of buildings on the Flats, per annum Rs. 300 ; Increased travelling allowance to Superintendent F and G Wards, owing to increased travelling, due to increase of buildings, from Rs. 25 to Rs. 35, at Rs. 10 per mensem, per annum Rs. 20 : Rs. 420 ; Section IV.—Increase—Field-book covers, Rs. 25—Total Increase, Rs. 1,045. *Decrease*—Section VI.—Clothing

supplied biennially Rs. 952 ; Section VII.—Furniture, &c., supplied last year, Rs. 2,710—Rs. 3,662 ; Net decrease, Assessment Department proper, Rs. 2,617.

"*Town Duties Collection.*

"Commission at 3 per cent. on gross collections, decrease Rs. 1,166 ; chiefly owing to omission of Petroleum.

"*Establishment and Contingencies.*

"*Increase*—Sanctioned Increment to Examiner, sanctioned last year, Rs. 10 per mensem, per annum Rs. 120 ; Sanctioned Increment to Assistant Rs. 5 per mensem, per annum Rs. 60 ; Personal allowance to Isak Abraham, Head Checking Clerk, Rs. 5 per mensem, per annum Rs. 60 ; now on Rs. 40. This Clerk has been frequently recommended for increase by the Town Duty Refund Officer. Total Increase, Rs. 240. *Less*—Clothing charged biennially, Rs. 96 ; 1 Clerk on Rs. 15, owing to reduction in duty, Rs. 180 ; Total Decrease Rs. 276 ; Net Decrease in Establishment and Contingencies, Rs. 36 ; Net Decrease, Town Duty Collection, Rs. 1,902.

"*Tobacco Duties—Collection Establishment under Collector of Customs.*—An increase is necessary under this head in order to provide for the inspection of an increased number of shops which will yield an increase to the Revenue. Hitherto the number of shops has been restricted by the Collector, owing to want of Inspecting Establishment.

"1 Inspector at Rs. 75, per annum Rs. 900 ; 3 peons at Rs. 10, per annum Rs. 360 ; Increase to existing 29 peons from Rs. 8, Rs. 9 and Rs. 9-8 to general rate of Rs. 10, per annum Rs. 378 ; increased pension contributions for new Inspector and peons at Government rates, per annum Rs. 149. Clothing allowed biennially, Rs. 484. Total increase, Tobacco Duty, Collection Establishment, Rs. 2,271.

"*Licensing Establishment.*

"The establishment under the Health Officer will have to be increased to provide for the large number of trades for which a license is necessary under the new Act. A considerably increased income will be the result, but as in many cases the license fees have to be fixed by the Corporation, and there is not time to have this done before the Budget is prepared, the matter must stand over to be settled with many other matters during the course of the year. No change is, therefore, proposed at present.

"*Establishment under Police Commissioner for Land Conveyance Licenses.*

"This establishment was formerly paid by the Police Commissioner, who, under the old system, paid into the Municipality only the net receipts after paying his estab-

lishment. Under the new Act, Section 111, the gross receipts have to be paid direct into the Municipal Treasury, and the cost of establishment must, therefore, for the first time, appear as a charge. The establishment is as entered in the body of the Budget. This is regulated by Section 62 of the Act. The totals for the Assessor and Collector's Department are—

Assessment Department proper : Decrease, Rs. 2,617. Town Duty Collection : Decrease, Rs. 1,902, Rs. 4,519. Tobacco Duty Collection : Increase Rs. 2,271. Licensing Establishment ; Increase Rs. 9,000, Rs. 11,271. Net Increase, Assessment and Collection Department, Rs. 6,752."

The Budget Estimates for the department for the year 1889-90 (including cost of collecting Town Duties, Tobacco Duty and Licenses, Toll Fees, &c.) were passed at Rs. 2,00,353. (*The grant for the current year is Rs.*1,98,081.)

*Fire Brigade—Detailed Statement No.* 7.—The Municipal Commissioner, in his Introductory Remarks, makes the following remarks :—

"*Reductions*—1 Assistant Engineer on Rs. 180, reduced to Rs. 100 (on the death of the Assistant Engineer on Rs. 200) per mensem, Rs. 80 ; 1 Assistant Engineer on Rs. 160 to Rs. 80 (reduced on a new appointment), Rs. 80 ; 1 Assistant Engineer on Rs. 150 to Rs. 80 (this was a new place, and the person appointed is only allowed Rs. 80), Rs. 70 : Saving per mensem, Rs. 230 ; per annum Rs. 2,760.

"*Increase*—Section I.—Increase to pay of 16 sluice-men as they are on duty night and day, from Rs. 9 to 10, Rs. 16 per mensem, per annum Rs. 192 ; Net Decrease in Section I, Rs. 2,568. Section VII.—Decrease, less hose, &c., bought in 1888-89, Rs. 8,652 ; Section XI.—Reduction because men newly entertained contribute to Municipal Pension Fund, per annum Rs. 364-5. Section XII.—New charges—Engines purchased last year Rs. 16,000 ; Telephone charges reduced, and transfer of charges for telephones to their respective Departments, Rs. 1,790 : Rs. 17,790. Total Decrease Rs. 29,374-5.

" *Deduct*—Increase—Section XI*a*.—New permanent charge, Stationery, Rs. 25. This charge was hitherto borne by the Police Department. Net Decrease, Fire Brigade, Rs. 29,349-5."

The Budget Estimates for this department for the year 1889-90 were passed at Rs. 86,737-7-0. (*The grant for the current year is Rs.* 1,16,086-12-0.)

Sir Henry Morland notified that at the next meeting he will move the consideration of the question whether it is necessary to hold additional meetings for the consideration of the Budget Estimates.

The Committee then adjourned to 2 p.m. on Wednesday, the 5th proximo.

BOMBAY, 5*th December* 1888.

AT the meeting of the Standing Committee, held this day there were present :—

COWASJEE HORMUSJEE, Esq., C.C.M.C. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NANABHOY B. JEEJEEBHOY, Esq. ; RAGUNATH NARAYAN KHOTE, Esq., C.I.E. ; MAJOR H. O. SELBY, R.E. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., Municipal Commissioner ; the CHIEF ACCOUNTANT, and the MUNICIPAL SECRETARY.

A note was received from the Chairman apologizing for non-attendance on account of having to attend as a member of the Board of Management of the Victoria Jubilee Technical Institute at the reception of the Marquess of Lansdowne.

Colonel G. L. C. Merewether was called to the chair.

The minutes of the meeting, held on the 28th ultimo, were signed.

No. 5393. Read and *recorded* letter to the Municipal Secretary, dated 30th November 1888, as under :—

SIR,—I have the honour to acknowledge the receipt of your letter No. 5371, of 29th November 1888, conveying to me the Resolution of the Standing Committee of the Municipal Corporation, relative to the period during which I acted as Municipal Commissioner. I am much obliged to the Standing Committee for so kindly remembering me, and beg to thank them both for the expressions in the Resolution itself and for the consideration shown me during the past seventeen months.—I have, &c., F. L. CHARLES.

No. 5394. The consideration of applications for sanction to the payment of compensation for ground taken for street improvement (Panday Sanitarium,) Colaba, at Rs. 10 per square yard, and in four other cases, was postponed till next week.

Read the following :—

# BOMBAY MUNICIPALITY.

## Water Works Department.

List of Cases for which sanction of the Standing Committee is requested to the severing of the Water connections under Section 279 of Act III. of 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| E. | ..... | 3 | Coppersmith Street... | Kasam Moosaji .. | Water is used for chunam purposes ... | 30-11-88 | | |
| E. | ..... | 72-74 | Haines Road .. | Hargovind Chutoor .. | Water is used for a public cattle trough | 30-11-88 | | |
| G. | 2288 (4) | 360 C | Fergusson Road ... | Cassum Mahomed Mitha.. | Water is used for building purposes ... | 1-12-88 | | |
| G. | 2272 | 328-328A & 328B | DeLisle Road ... | Dhurum Davidass ... | Water is used for the new building close to his house | 1-12-88 | | |
| G. | 103—104 | 5 & 6 | Mahaluxmi Road ... | Jekisondass Gungadass ... | Water is allowed to outsiders and run to waste | 1-12-88 | | |
| G. | 5274 (2) | 14 A. | Mahim Durga ... | Framjee Aderji Maistry... | Water is used for building purpose ... | 1-12-88 | | |
| B. | 2118—2119 | 191-195-1-5 | Chakla Street ... | Chokra Kunji Ahmed ... | Water is allowed to be carried away by outsiders | 4-12-88 | | |
| A. | ..... | 13-15 | Hornby Road ... | R. E. Bisny ... | Service pipe is out of order ... | 27-11-88 | | |
| A. | ..... | 9 | Pitha Street ... | Kuverbai, widow of Cawasji Ruttonji | Do. do. do. ... | 27-11-88 | | |
| D. | 3869—3869 (1) (2) | 1-1 A. & 2 | Arthur Road ... | Jamshedji Burjorji Mistry. | 2" service pipe is leaking and corroded, require renewing | 1-12-88 | | |
| D. | 3346 | 7 | Narayen Daboolker Road ... | Hormusji Nowroji Cooper. | Bibcock is out of order ... | 1-12-88 | | |
| F. | 57 to 61 | 18 to 22 | Parell Road ... | Merali Dewrari Master ... | Bibcock is out of order ... | 22-11 88 | | |
| F. | 233 | 24½ A. (2) | Arthur Road ... | Sheik Balumia ... | Service pipe is out of order ... | 23-11-88 | | |
| F. | 6484 | 51 | Naigaum Road ... | Gudrezji binMehrban Irani | Do. do. ... | 23-11-88 | | |
| C. | 7754 | 32 | Northbrook Street ... | Khima Parbat ... | Bibcock is out of order ... | 27-11-88 | | |
| C. | 1783 | 5-7-8 | DeSouza Street ... | Bhangi Mangi ... | Stopcock is out of order ... | 29-11-88 | | |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served. | Notice No. | Inspector's Name. |
|---|---|---|---|---|---|---|---|---|
| C. | 1779 | 38-40 | DeSouza Street ... | Hirji Khimji ... | Stopcock and bibcock are out of order. | 29-11-88 | | |
| C. | 5320 | 108 | 1st Bhoiwada ... | Dossa Poonja .. | Stopcock is out of order ... | 28-11-88 | | |
| C. | ..... | 82 | 3rd Bhoiwada .. | Bai Tooljabai ... | Stopcock and bibcock are out of order | 29-11-88 | | |
| C. | 5505 | 78 | Do. ... | Pursbotumdass Pranjivandass | Stopcock is out of order ... | 28-11-88 | | |
| C. | 5060 | 7 | Bhuleshwar Street ... | Kavasji Palanji ... | Do. do, ... | 29-11-88 | | |
| C. | ... .. | 262 | Musjid Street ... | Sadanund Trimbuckji ... | Do. do. ... | 29-11-88 | | |
| C. | 6993 | 88 | Moonsee Yacoob St... | Peerozbai, widow of Framji Mama | Stopcock is out of order and require a box over it | 29-11-88 | | |
| C. | ..... | 201 | Do. ... | Essaji Ebrahimji ... | Stopcock and service pipe are out of order | 29-11-88 | | |
| A. | 1881 | 71 | Frere Road ... | Abdool Hoosain ... | Require a lid over the stopcock box on the road | 27-11-88 | | |
| A. | 3869 | 13 | Arthur Road ... | Jamsetji Burjorji Mistry... | Stopcock is out of order ... | 1-12-88 | | |
| G. | 103—104 | 5-6 | Mahaluxmi Road ... | Jekisondass Gungadass ... | No bibcock to the service pipe ... | 29-11-88 | | |

No. 4484 of 1888-89.

Forwarded to the Municipal Commissioner.

S. TOMLINSON, C.E.,
Deputy Executive Engineer, in charge Water Works.

*5th December* 1888.

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No. 16481 OF 1888-89.

*5th December* 1888.

Submitted to the Standing Committee. The parties have been informed that these cases will be laid before the Standing Committee to-day.

E. C. K. OLLIVANT, Municipal Commissioner.

*Resolved*: "That sanction be given under Section 279
No. 5395. of the Municipal Act III of 1888, to the cutting off of water connections as per list accompanying the Municipal Commissioner's memorandum No. 16481, dated this day."

No. 5396. The consideration of the following was postponed to allow of some enquiries being made by the Commissioner.

"Letter No. 16266, dated 1st instant, from the Commissioner, to the Secretary, reporting the excess of Rs. 1,055-12-2 over the grant of Rs. 663-12-10, for the acquisition of a portion of a property for the improvement of Kavasji Patel Street."

It was decided that for the future only the last rate paid for ground for improvement be entered on the agenda paper not new rates proposed by the Municipal Commissioner, the amount, of which can be verbally stated by the Commissioner at the time of meeting.

The consideration of application for sanction to the erection of arcades in certain streets was postponed.

The seal of the Corporation was affixed to deeds of conveyance—

From Dhunbaiji, widow of Dadabhai Pestonji Wadia, of
No. 5397. ground taken up for the improvement line of Bread Street near Modi Street. (The Acting Executive Engineer, in his letter No. 10575B, dated 26th November 1888, to the Municipal Commissioner, states that Dhunbaiji is the proper person to receive compensation in this case, not Mr. B. F. Wadia, in whose name sanction to the taking up of ground was given by the late Town Council, in their Resolution No. 1006, dated 17th August 1887.)

From Meya Ebrahim bin Chandbhai, of ground taken
No. 5398. up for the improvement line of Nagdevi Road. (The Acting Executive Engineer, in his letter No. 10577B, dated 26th November 1888, to the Municipal Commissioner, states that Meya Ebrahim bin Chand-

bhai is the proper person to receive compensation in this case, not Mr. Ebrahim Chand, in whose name sanction to the taking up of ground was given by the late Town Council, in their Resolution No. 391, dated 25th May 1888.)

The seal was affixed to deeds of contract—

No. 5399. With Messrs. Richardson and Cruddas, for the supply of Siemen's meters of sizes.

No. 5400. With Mr. Ghumaji Balaji, for building rooms over sluice houses and for additions and alterations to the bungalow at Vehar Lake.

The following was *withdrawn* by the Commissioner :—

No. 5401. "Letter from the Acting Municipal Commissioner, reporting, that he has accepted the offer of Vali Jetra of Rs. 40 for the right to remove cow-dung from stables, E Ward, Health Department."

No. 5402. *Resolved* : "That, as proposed by the Municipal Commissioner in his letter No. 16279, dated 1st instant, sanction be given to the acceptance of the tender of Messrs. Bhau Raghunath and Ratansi Premji for the supply, during the year 1889-90, of hay at Rs. 13-6-0 per 1,000 lbs., green grass at Rs. 6 ditto, rice straw at Rs. 11-6-0 ditto."

Read letter No. 15706, dated 24th ultimo, from the Acting Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to request the sanction of the Standing Committee and the Corporation to the payment out of surplus cash balance Rs. 3,272-7-6, being the moiety of the cost of filling in the portion of the tank near the gardens which was subsequently sold to Mr. Clutterbuck.

This tank was filled in with the surplus earth excavated from the Fort Drainage Work and part of the land was sold at a profit.

I have, &c.,

F. L. CHARLES,

Acting Municipal Commissioner.

*Resolved :* " That the Corporation be recommended to
No. 5403. sanction, as a special case, the payment of Rs. 3,272-7-6, from surplus cash balance, to meet the proportionate cost of filling in with material excavated from Drainage Works, the portion of tank at the Victoria Gardens, which was sold to the Rev. G. W. Clutterbuck at a profit as the site for a chapel."

On the application of the Municipal Commissioner,
No. 5404. sanction was given to the debit to the Municipal Workshops profit and loss account of Rs. 575, being half the amount of the difference between the contract and market rates paid for 230 candies babulwood supplied to the Workshops in 1883.

No. 5435. *Resolved :* " That the following be printed on the minutes of this meeting :—

Memorandum No. 14810, dated 14th ultimo, from the Acting Municipal Commissioner, forwarding letter No. 2450, dated 9th idem, as follows ":—

SIR,—With reference to the Town Council's (now Standing Committee) Resolution No. 1444, dated 2nd December 1886, I have the honour to forward herewith four statements, marked A to E, which embody all the information required in the above Resolution.

I regret to state that I was unable to submit the above statements earlier, as a complete statement of the estimate for 1888-89 was received by me from the Engineer's Office only on the 18th ultimo, although I had called for the same so far back as on 2nd April last and although eight subsequent reminders were sent by this office. Some of the figures given in the statement being incorrect, it had to be returned to the Engineer's office, and was received back only on the 29th ultimo duly corrected.

I have, &c.,

SORABJI NAVAROJI COOPER,

Chief Accountant.

A.

# WORKS SANCTIONED OUT

| | Estimated cost of each work. | Amount of loan sanctioned. | Amount of loan actually raised. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| **17-LAKH LOAN.** | | | |
| Main Sewer ... ... ... ... ... ... ... ... | 6,04,264 0 0 | ..... | ..... |
| Pipe Sewer ... ... ... ... ... ... ... ... | 4,72,364 0 0 | ..... | ..... |
| Outfall Sewer ... ... ... ... ... ... ... | 3,50,000 0 0 | ..... | ..... |
| New Pumping Station.. ... ... ... ... ... | | | |
| One pair of Engines ... ... ... ... ... ... | | | |
| Establishment .. ... ... ... ... ... ... | 2,73,372 0 0 | ..... | ..... |
| Contingencies ... ... ... ... .. ... ... | | | |
| | 17,00,000 0 0 | 17,00,000 0 0 | 16,94,000 0 0 |
| Kamatipoora Works ... ... ... ... ... ... ... | ..... | ..... | ..... |
| Clerke Road Sewer ... ... ... ... ... ... ... | ..... | ..... | ..... |
| | 17,00 000 0 0 | 17,00,000 0 0 | 16,94,000 0 0 |
| *Less*— | | | |
| Transferred to Bhundarwada Loan as per Municipal Commissioner's No. 7617 of 14th September 1887, adopted by the Town Council and Corporation ... ... ... ... | 31,209 0 0 | 31,209 0 0 | 31,209 0 0 |
| | 16,68,791 0 0 | 16,68 791 0 0 | 16,62,791 0 0 |
| Bhundarwada Water Works .. ... ... ... ... | 10,00,000 0 0 | 10,00,000 0 0 | 10,00,000 0 0 |
| Transferred from 17 Lacs Loan ... ... ... ... ... | 31,209 0 0 | 31,209 0 0 | 31,209 0 0 |
| | 10,31,209 0 0 | 10,31,209 0 0 | 10,31,209 0 0 |
| | 27,00,000 0 0 | 27,00,000 0 0 | 26,94,000 0 0 |

# OF THE 27 LACS LOAN.

| Expenditure up to 31st March 1888. | | | Estimated Expenditure up to 31st March 1888. | | | |
|---|---|---|---|---|---|---|
| Establishment. | Work. | Total. | Establishment. | Work. | Total. | |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| ..... | 4,92,691 8 2 | 4,92,691 8 2 | ..... | ..... | ..... | ..... |
| ..... | 2,77,233 14 4 | 2,77,233 14 4 | ..... | 32,510 11 3 | 32,510 11 3 | ..... |
| ..... | 2,55,766 10 0 | 2,55,766 10 0 | ..... | ..... | ..... | ..... |
| ..... | 98,289 9 6 | 98,289 9 6 | ..... | ..... | ..... | ..... |
| ..... | 95,742 3 9 | 95,742 3 9 | ..... | ..... | ..... | ..... |
| 1,45,000 0 0 | ..... | 1,45,000 0 0 | ..... | ..... | ..... | ..... |
| ..... | 1,48,468 3 10 | 1,48,468 3 10 | ..... | 1,357 8 9 | 1,357 8 9 | ..... |
| 1,45,000 0 0 | 13,68,192 1 7 | 15,13,192 1 7 | ..... | 33,868 4 0 | 33,868 4 0 | ..... |
| ..... | 76,471 4 6 | 76,471 4 6 | ..... | ..... | ..... | ..... |
| ..... | 39,259 5 11 | 39,259 5 11 | ..... | ..... | ..... | ..... |
| | 14,83,922 12 0 | 16,28,922 12 0 | | | | |
| 1,45,000 0 0 | 14,83,922 12 0 | 16,28,922 12 0 | ..... | 33,868 4 0 | 33,868 4 0 | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1,45,000 0 0 | 14,83,922 12 0 | 16,28,922 12 0 | ..... | 33,868 4 0 | 33,868 4 0 | 16,627,91 0 0 |
| 29,035 7 6 | 9,57,444 15 1 | 9,86,480 6 7 | ..... | 44,728 9 5 | 44,728 9 5 | ..... |
| 29,035 7 6 | 9,57,444 15 1 | 9,86,480 6 7 | ..... | 44,728 9 5 | 44,728 9 5 | 10,31,209 0 0 |
| 1,74,035 7 6 | 24,41,367 11 1 | 26,15,403 2 7 | ..... | 78,596 13 5 | 78,596 13 5 | 26,94,000 0 0 |

**B.**

# WORKS SANCTIONED OUT

| NATURE OF LOAN WORKS. | | | Estimated cost of each work. | Amount of loan sanctioned. |
|---|---|---|---|---|
| **SURFACE DRAINAGE WORKS.** | | | Rs. a. p. | Rs. a. p. |
| Widening Love Grove Sluices... ... ... ... ... ... ... ... | | | 1,61,362 15 4 | ..... |
| Culverts, &c., under B. B. & C. I. Railway, near Bellasis Road ... ... | | | 1,791 0 8 | ..... |
| Khetwady Survey ... ... ... ... ... ... ... ... ... | | | 6,848 0 0 | ..... |
| Raising Level of Khetwady Roads ... ... ... ... ... ... ... | | | 27,017 0 0 | ..... |
| Three Branch Drains in Khetwady and Storm-water Entrances ... ... | | | 27,544 8 0 | ..... |
| Raising Private Compound in Khetwady ... ... ... ... ... ... | | | 38,580 0 0 | ..... |
| Intercepting Drain, Tardeo District, and Storm-water Entrances ... ... | | | 2,80,753 0 0 | ..... |
| Making connection between Low-level Sewer and New Main Sewer ... ... | | | 3,100 0 0 | ..... |
| Intercepting Drain from Pydhoni to Bellasis Road and Storm-water Entrances ... ... ... ... ... ... ... ... ... | | | 3,39,516 8 0 | ..... |
| Enlarging old open Main Drain ... ... ... ... ... ... ... | | | 1,06,091 0 0 | ..... |
| Laying a new 24-inch Main and removing old 24-inch Tulsi Main and filling up the Haines' Road Entrance ... ... ... ... ... ... ... | | | 32,688 0 0 | ..... |
| Constructing Storage Reservoir on the Flats and raising level of Manholes in Sewers ... ... ... ... ... ... ... ... ... ... ... | | | 1,98,840 0 0 | ..... |
| Establishment .. ... ... ... ... ... ... ... ... ... | | | 1,34,163 0 0 | ..... |
| Contingencies . ... ... ... ... ... ... ... ... ... ... | | | 53,705 0 0 | ..... |
| Extra petty works executed out of savings in S. E. Oosman's contract ... | | | ..... | ..... |
| | | | 14,12,000 0 0 | |
| Amount transferred to Queen's Road Intercepting Sewer ... ... ... | | | 24,317 0 0 | ..... |
| | | | 13,87,683 0 0 | |
| *Deduct*— | | | | |
| Amount paid from the 6 lakhs Loan ... ... ... ... ... ... | | | 6,00,000 0 0 | ..... |
| **PART OF 15-LAKH LOAN.** | | | | |
| Queen's Road Intercepting Sewer, including compensation for land ... ... ... ... ... ... ... ... ... | Rs. a. p. 1,92,000 0 0 | | | |
| Transfer from Surface Drainage Works, as per T. C. Resolution No. 2368, dated 17th November 1882 ... ... ... ... | 24,317 0 0 | | | |
| | 2,16,317 0 0 | | | |
| *Less*— | Rs. a. p. | | | |
| Contribution received from Government ... | 50,000 0 0 | | | |
| *Deduct*— | | | | |
| Cost of Establishment ... ... ... ... | 12,348 0 0 | | | |
| | 62,348 0 0 | | 1,53,969 0 0 | ..... |
| First Drainage Section House connections without Privy fittings ... ... ... ... ... ... ... ... | 5,59,565 0 0 | | | |
| *Add*— | | | | |
| Amount transferred from Ovoid Sewer ... ... ... ... | 19,046 14 4 | | | |
| | | | 5,78,611 14 4 | ..... |
| Automatic Flushers at head Gullies ... ... ... ... ... ... | | | 5,570 0 0 | ..... |
| Two more Pumping Engines ... ... ... ... ... | 88,000 0 0 | | | |
| Additional grant sanctioned under T. C. Resolution No. 52, dated 13th January 1882 ... ... ... ... ... | 9,600 0 0 | | | |
| Extra Machinery for Engines ... ... ... ... ... | 2,000 0 0 | | | |
| | | | 99,600 0 0 | ..... |
| House connections, Kamathipura ... ... ... ... ... ... | | | 60,161 0 0 | ..... |
| Provision for Shaft Ventilators throughout Sewer.. ... ... ... ... | | | 45,652 0 0 | ..... |
| Establishment ... ... ... ... ... ... ... ... ... ... | | | 89,239 0 0 | ..... |
| House connections Survey ... ... ... ... ... ... ... ... | | | 4,621 0 0 | ..... |
| Survey of Pipe Sewers ... ... ... ... ... ... ... ... | | | 5,113 0 0 | ..... |
| Closing Storm-water openings in Frere Road Sewer ... .. ... ... | | | 22,827 0 0 | ..... |
| | | | 10,65,363 14 4 | ..... |
| Carried over Rs... ... | | | 18,53,046 14 4 | ..... |

# OF THE 44 LACS LOAN.

| Amount actually raised. | Expenditure up to 31st March 1888. | | | Estimated expenditure for | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Works Establishment Fund : details of expenditure to be found in Statement B. | Works. | Total. | Establishment. | Works. | Total. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| ..... | ..... | 1,57,326 7 7 | 1,57,326 7 7 | ..... | ..... | ..... |
| ..... | ..... | 1,791 0 8 | 1,791 0 8 | ..... | ..... | ..... |
| ..... | ..... | 5,599 10 0 | 5,599 10 0 | ..... | ..... | ..... |
| ..... | ..... | 28,355 0 1 | 28,355 0 1 | ..... | ..... | ..... |
| ..... | ..... | 31,711 15 6 | 31,711 15 6 | ..... | ..... | ..... |
| ..... | ..... | 25,336 2 1 | 25,336 2 1 | ..... | ..... | ..... |
| ..... | ..... | 1,69,669 8 0 | 1,69,669 8 0 | ..... | ..... | ..... |
| ..... | ..... | 2,610 8 10 | 2,610 8 10 | ..... | ..... | ..... |
| ..... | ..... | 3,03,123 14 1 | 3,03,123 14 1 | ..... | ..... | ..... |
| ..... | ..... | 71,318 13 5 | 71,318 13 5 | ..... | ..... | ..... |
| ..... | ..... | 74,226 14 0 | 74,226 14 0 | ..... | ..... | ..... |
| ..... | ..... | 1,82,306 1 0 | 1,82,306 1 0 | ..... | ..... | ..... |
| ..... | 1,21,413 0 0 | ..... | 1,21,413 0 0 | ..... | ..... | ..... |
| ..... | ..... | 40,967 5 2 | 40,967 5 2 | ..... | 10,000 0 0 | 10,000 0 0 |
| ..... | ..... | 92,248 4 5 | 92,248 4 5 | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 1,21,413 0 0 | 11,86,591 3 10 | 13,08.004 3 10 | ..... | 10,000 0 0 | 10,000 0 0 |
| ..... | ..... | 6,00,000 0 0 | 6,00,000 0 0 | ..... | ..... | ..... |
| ..... | ..... | 1,53,969 0 0 | ..... | ..... | ..... | ..... |
| ..... | ..... | 60,738 13 2 | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 98,438 1 9 | ..... | ..... | ..... | ..... |
| ..... | ..... | 24,783 2 2 | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | 4,150 0 0 | 41,502 0 0 | 45,652 0 |
| ..... | 88,869 0 0 | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 4,561 13 3 | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | 1,281 1 3 | ..... | 2,048 0 0 | 19,497 14 9 | 21,545 14 9 |
| ..... | 88,869 0 0 | 3,43,771 15 7 | 4,32,640 15 7 | 6,198 0 0 | 60,999 14 9 | 67,197 14 9 |
| ..... | 2,10 282 0 0 | 9,30,363 3 5 | 11,40,645 3 5 | 6,198 0 0 | 70,999 14 9 | 77,197, 14 9 |

B—

# WORKS SANCTIONED OUT OF

| NATURE OF LOAN WORKS. | | Estimated cost of each work. | Amount of loan sanctioned. |
|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. |
| Brought forward Rs.... ... | | 18,53,046 14 4 | ..... |
| PART OF 20,88,000 LOAN. | | | |
| Pipe Sewer from Clare Road along South portions of Haines Road and DeLisle Road .. ... ... ... ... ... | Rs. a. p. 1,05,955 0 0 | | |
| *Add*—Transferred from Ovoid Sewer, Argyll Road ... ... | 3,783 15 1 | | |
| | | 1,09,738 15 1 | ..... |
| Pipe Sewer from Parel Workshops to Clerk Road Ovod Sewer | ..... | 65,891 0 0 | ..... |
| Extension of Clerk Road Ovoid Sewer to Parel Road ... | ..... | 35,588 0 0 | ..... |
| Ovoid Sewer across the old Race Course ... ... ... | 63,320 0 0 | | |
| *Less*—Transferred to Construction of a Double Storey Chawl for Water Works men at Chinchpoogly ... ... ... | 850 3 8 | | |
| | | 62,469 12 4 | ..... |
| Ovoid Sewer from the Crawford Market down Hornby Road and Bazar Gate thence to the Mint ... ... ... ... ... | ..... | 85,287 0 0 | ..... |
| Ovoid Sewer, Argyll Road ... ... ... ... ... ... | 25,200 0 0 | | |
| *Less*—Amount transferred to Khetwady House Connections ... ... ... Rs. 19,046 14 4 | | | |
| Do. Pipe Sewer from Clare Rd. along South portions of Haines Rd. „ 3,783 15 1 | | | |
| | 22,830 13 5 | | |
| | | 2,369 2 7 | ..... |
| Establishment ... .. ... ... ... ... ... ... ... ... | | 36,309 0 0 | ..... |
| | | 3,97,652 14 0 | ..... |
| WATER WORKS. | | | |
| 1 *Malabar Hill Reservoir* ... ... ... ... ... ... ... ... | | 4,00,000 0 0 | ..... |
| 2 *Tulsi gathering ground, purchase of* ... ... ... ... ... ... | | 96,336 0 0 | ..... |
| 3 *Improving the water-supply of the outlying Districts* ... ... ... | | 7,14,000 0 0 | ..... |
| 4 Construction of filter beds at Vehar ... ... ... ... ... | | 1,01,000 0 0 | ..... |
| 5 Raising the Tulsi Dams (including pitching of Dams) ... ... ... | | 1,38,000 0 0 | ..... |
| 6 *Providing additional Catch-water Channels at Vehar and Tulsi* ... ... | | 1,15,716 0 0 | ..... |
| 7 Check Meters for prevention of waste of water ... ... ... | | 1,50,000 0 0 | ..... |
| 8 New Hydrants ... ... ... ... ... ... ... ... ... | | 22,900 0 0 | ..... |
| 9 Construction of a double storeyed Chawl for the Water Works Staff ... ... ... ... ... ... ... | 3,057 0 0 | | |
| *Add*—Transferred from Ripon Road Ovoid Sewer grant ... ... ... ... ... Rs. 850 3 8 | | | |
| Ripon Road grant ... ... ... ... „ 445 0 0 | | | |
| | 1,265 3 8 | | |
| | | 31,842 3 8 | ..... |
| 10 Provision of a turbine at the Malabar Hill Reservoir ... ... ... | | 2,500 0 0 | ..... |
| 11 Enlargement of different Mains, &c. ... ... ... ... ... | | 1,12,892 0 0 | ..... |
| 12 New Water Main from the Junction of Nesbit Road... ... ... ... | | 15,000 0 0 | ..... |
| Excess on Bhundarwada Water Works Loan ... ... ... ... ... | | ..... | ..... |
| | | 19,00,186 3 8 | ..... |
| 1 New Road from Bellasis Road across old Race Course ... ... ... | | 1,43,292 0 0 | ..... |
| Discount ... ... ... ... ... ... ... ... ... ... ... | | 415 0 0 | ..... |
| | | 1,42,877 0 0 | ..... |
| OTHER SANITARY WORKS. | | | |
| 1 Enlargement of Dhobi Lines at Mahaluxmi ... ... ... ... ... | | 50,000 0 0 | ..... |
| 2 Chawl for Gowlies working at Agripada Milch Cattle Stable ... ... | | 6,237 0 0 | ..... |
| 3 *Health Department Stables at Bori Bunder* ... ... ... ... ... | | 50,000 0 0 | ..... |
| | | 1,06,237 0 0 | ..... |
| TOTAL 44 LACS LOAN... ... | | 44,00,000 0 0 | 44,00,000 0 0 |

*continued.*

## THE 44 LACS LOAN—*continued.*

| Amount actually raised. | Expenditure up to 31st March 1888. | | | Estimated Expenditure for 1888-89. | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Work Establishment Fund: details of expenditure to be found in Statement B. | Works. | Total. | Establishment. | Works. | Total. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| ..... | 2,10,282 0 0 | 9,30,363 3 5 | 11,40,645 3 5 | 6,198 0 0 | 70,999 14 9 | 77,197 14 9 |
| ..... | ..... | 1,05,756 2 5 | ..... | ..... | 4,398 14 6 | 4,398 14 6 |
| ..... | ..... | 65,793 9 11 | ..... | ..... | ..... | ..... |
| ..... | ..... | 35,569 8 0 | ..... | ..... | ..... | ..... |
| ..... | ..... | 59,746 13 2 | ..... | ..... | ..... | ..... |
| ..... | ..... | 81,804 14 6 | ..... | ..... | 3,482 1 6 | 3,482 1 6 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 36,309 0 0 | ..... | ..... | ..... | ..... | ..... |
| ..... | 36,309 0 0 | 3,48,671 0 0 | 3,84,980 0 0 | ..... | 7,881 0 0 | 7,881 0 0 |
| ..... | 41,566 0 0 | 3,58,434 0 0 | 4,00,000 0 0 | ..... | ..... | ..... |
| ..... | ..... | 94,500 0 0 | 94,500 0 0 | ..... | ..... | ..... |
| ..... | 30,365 0 0 | 6,82,065 0 8 | 7,12,430 0 8 | ..... | ..... | ..... |
| ..... | 8,783 0 0 | 1,04,433 15 11 | 1,13,216 15 11 | ..... | ..... | ..... |
| ..... | 10,434 0 0 | 1,17,520 15 5 | 1,27,954 15 5 | ..... | ..... | ..... |
| ..... | 10,062 0 0 | 95,368 14 9 | 1,05,430 14 9 | ..... | ..... | ..... |
| ..... | 6,522 0 0 | 1,27,132 14 8 | 1,33,654 14 8 | ..... | 34 5 4 | 34 5 4 |
| ..... | 1,991 0 0 | 20,876 7 1 | 22,867 7 1 | ..... | 32 8 11 | 32 8 11 |
| ..... | 2,659 0 0 | 27,560 6 3 | 30,219 6 3 | ..... | 1,622 13 5 | 1,622 13 5 |
| ..... | 218 0 0 | 2,282 0 0 | 2,500 0 0 | ..... | ..... | ..... |
| ..... | 9,736 0 0 | 1,03,130 8 6 | 1,12,866 8 6 | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | 15,000 0 0 | 15,000 0 0 |
| ..... | ..... | 23,684 11 9 | 23,684 11 9 | ..... | ..... | ..... |
| ..... | 1,22,336 0 0 | 17,56,989 15 0 | 18,79,325 15 0 | ..... | 16,689 11 8 | 16,689 11 8 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 12,461 0 0 | 1,24,655 12 6 | 1,37,116 12 6 | ..... | 5,760 3 6 | 5,760 3 6 |
| ..... | 4,348 0 0 | 1,698 12 0 | 6,046 12 0 | ..... | 43,953 4 0 | 43,953 4 0 |
| ..... | 107 2 6 | 6,129 13 6 | 6,237 0 0 | ..... | ..... | ..... |
| ..... | 4,348 0 0 | 37,000 13 0 | 41,348 13 0 | ..... | 8,651 3 0 | 8,651 3 0 |
| ..... | 8,803 2 6 | 44,829 6 6 | 53,632 9 0 | ..... | 52,604 7 0 | 52,604 7 0 |
| 44,00,000 0 0 | 3,90,191 2 6 | 32,05,509 5 5 | 35,95,700 7 11 | 6,198 0 0 | 1,53,935 4 11 | 1,60,133 4 1 |

C.

# 7 LAKHS SANITARY WORKS LOAN, &c.,

| NATURE OF LOAN WORKS. | | Estimated cost of each work. | Amount of loan sanctioned. | Amount actually raised. |
|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| SANITARY WORKS LOAN OF 7 LAKHS. | | | | |
| 1. Drainage of the Fort ... ... ... ... ... ... | | 4,53,329 0 0 | ..... | ..... |
| 2. Malabar Hill Reservoir roofing extra grant ... ... | | 1,58,750 0 0 | ..... | ..... |
| 3. Additional Works at Love Grove Pumping Station ... | | 39,724 0 0 | ..... | ..... |
| 4. Increasing and improving the distribution of water-supply and providing higher levels ... ... ... ... ... Tulsi District with filtered water ... ... ... ... | | 21,050 0 0 | ..... | ..... |
| 5. Constructing Pipe Drains in certain Roads in Khetwadi... | | 6,290 0 0 | ..... | ..... |
| 6. Do. Side Drain in Wari Bunder Road ... ... | | 9,046 0 0 | ..... | ..... |
| 7. Extra grant for the adjustment of expenditure on Bhundarwada Reservoir work, new outlet tower at Vehar, less Savings on 17 lakhs loan work and various Water Works included in the Sanitary Works Loan ... ... | | 10,589 0 0 | ..... | ..... |
| 8. Extra grant on account of Queen's Road Intercepting Sewer ... ... ... ... ... ... ... ... | | 13,544 0 0 | ..... | ..... |
| | | 7,12,322 0 0 | 7,00,000 0 0 | 7,00,000 0 0 |
| | Or say ... | 7,00,000 0 0 | | |
| TANSA WATER WORKS LOAN OF 1,23,00,000. | | | | |
| Tansa Works ... ... ... ... | 1,23,00,000 0 0 | ..... | 1,23,00,000 0 0 | 72,00,000 0 0 |
| 12 LAKHS LOAN OF 1887-88. | | | | |
| 1. Queen's Road House Connections ... | 11,14,929 0 0 | ..... | ..... | ..... |
| 2. Water Mains in Frere Road ... ... | 85,000 0 0 | ..... | ..... | ..... |
| | 11,99,929 0 0 | | | |
| Or say ... | 12,00,000 0 0 | 12,00,000 0 0 | 12,00,000 0 0 | 12,00,000 0 0 |

# TANSA LOAN AND 12 LAKHS LOAN.

| Expenditure up to 31st March 1888. | | | Estimated Expenditure for 1888-89. | | | |
|---|---|---|---|---|---|---|
| Amount of 10 per cent. transferred to Loan Works. Establishment Fund. | Works. | Total. | Establishment. | Works. | Total. | Grand Total up to 1888-89. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| ..... | 2,27,140 15 2 | 2,27,140 15 2 | 39,419 0 0 | 1,66,769 0 10 | 2,06,188 0 10 | ..... |
| ..... | 1,02,416 7 3 | 1,02,416 7 3 | ..... | 55,213 8 4 | 55,213 8 4 | ..... |
| ..... | 32,180 2 0 | 32,180 2 0 | ..... | 2,300 0 0 | 2,300 0 0 | ..... |
| ..... | 20,190 15 5 | 20,190 15 5 | ..... | 20 8 11 | 20 8 11 | ..... |
| ..... | 5,282 6 0 | 5,282 6 0 | ..... | ..... | ..... | ..... |
| ..... | 4,934 0 1 | 4,934 0 1 | ..... | ..... | ..... | ..... |
| ..... | 7,990 10 6 | 7,990 10 6 | ..... | 2,598 5 6 | 2,598 5 6 | ..... |
| ..... | 6,933 10 8 | 6,933 10 8 | ..... | 6,610 5 4 | 6,610 5 4 | ..... |
| ..... | 4,07,069 3 1 | 4,07,069 3 1 | 39,419 0 0 | 2,33,511 12 11 | 2,72,930 12 11 | ..... |
| 1,64,110 6 2 | 29,95,588 0 7 | 31,59,698 6 9 | 78,000 0 0 | 26,40,501 9 3 | 27,18,501 9 3 | 58,78,200 0 0 |
| ..... | 145 6 0 | 145 6 0 | 29,640 0 0 | 2,50,000 0 0 | 2,79,640 0 0 | ..... |
| 666 9 10 | 63,244 1 8 | 63,910 11 6 | 251 14 11 | 20,837 5 7 | 21,089 4 6 | ..... |
| 666 9 10 | 63,389 7 8 | 64,056 1 6 | 29,891 14 11 | 2,70,837 5 7 | 3,00,729 4 6 | ..... |

**D.**

## LOAN OF Rs.

| | Nature of Loan Works. | Estimated cost of each work. | Amount of loan sanctioned. |
|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. |
| 1 | New Market at Colaba ... ... ... ... ... ... ... ... | 50,300 0 0 | ..... |
| 2 | Erskine Road Market extension ... ... ... ... ... ... ... | 4,04,122 0 0 | ..... |
| 3 | Arther Crawford Market extension ... ... ... ... ... ... | 49,942 0 0 | ..... |
| | | 5,04,364 0 0 | or, say, 5,00,000 0 0 |
| 1 | Extension of Parell Storm Water Drain Road ... ... ... ... | 33,749 0 0 | ..... |
| 2 | Storm Water Drain from Bellasis Road to ⅔ the length of Ripon Road... | 23,436 0 0 | ..... |
| 3 | 9" Pipe Sewer along Bellasis Road, Foras Road and Gilder Street ... | 29,822 0 0 | ..... |
| 4 | Concrete Trench Waste Weir, Vehar ... ... ... ... ... ... | 35,000 0 0 | ..... |
| 5 | Mains in 14 Streets west of Frere Road ... ... ... ... ... | 17,325 0 0 | ..... |
| 6 | Do. in various Streets ... ... ... ... ... ... ... ... | 51,475 0 0 | ..... |
| 7 | Arthur Road connection works ... ... ... ... ... ... ... | 13,200 0 0 | ..... |
| 8 | Deacon's Meters ... ... ... ... ... ... ... ... ... | 18,000 0 0 | ..... |
| 9 | Cross Road at Mahaluxmi Station ... ... ... ... ... ... | 23,000 0 0 | ..... |
| 10 | Road through Nowroji Hill ... ... ... ... ... ... ... | 2,63,875 0 0 | ..... |
| 11 | Land for Chawls for Bigaris cleaning A. C. Market ... ... ... ... | 16,000 0 0 | ..... |
| 12 | Building do. do. do. ... ... ... ... | 6,700 0 0 | ..... |
| 13 | Purchase of land for a Night-soil Depôt, DeLisle Road ... ... ... | 5,000 0 0 | ..... |
| 14 | Filling in do. do. do. ... ... ... | 6,503 0 0 | ..... |
| 15 | Ward Office at Dadur ... ... ... ... ... ... ... ... | 16,000 0 0 | ..... |
| 16 | Purchase of land at DeLisle Road Junction ... ... ... ... ... | 23,676 0 0 | ..... |
| 17 | Reserved for works to be sanctioned ... ... ... ... ... ... | 99,239 0 0 | ..... |
| | | 6,82,000 0 0 | 6,82,000 0 0 |
| | Total ... | 11,82,000 0 0 | 11,82,000 0 0 |

## 11,82,000 OF 1888-89.

| Amount actually raised. | Expenditure up to 31st March 1888. | | TOTAL. | Estimated Expenditure up to 31st March 1889. | | TOTAL. |
|---|---|---|---|---|---|---|
| | Establishment. | Works. | | Establishment. | Works. | |
| Rs. a. p. | Rs. a. p. | Rs. a. p | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | 3,240 0 0 | 3,96,518 0 0 | 3,99,758 0 0 |
| To be raised in 1888-89. | ..... | ..... | ..... | ..... | ..... | ..... |
| | ..... | ..... | ..... | 3,240 0 0 | 3,96,518 0 0 | 3,99,758 0 0 |
| 5,00,000 0 0 | | | | | | |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | 1,100 0 0 | 33,900 0 0 | 35,000 0 0 |
| ..... | ..... | ..... | ..... | ..... | ..... | 17,325 0 0 |
| ..... | ..... | ..... | ..... | 1,200 0 0 | 67,600 0 0 | 51,475 0 0 |
| ..... | ..... | ..... | ..... | ..... | 13,200 0 0 | 13,200 0 0 |
| ..... | ..... | ..... | ..... | ..... | 18,000 0 0 | 18,000 0 0 |
| ..... | ..... | ..... | ..... | 320 0 0 | 22,680 0 0 | 23,000 0 0 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | 16,000 0 0 | 16,000 0 0 |
| ..... | ..... | ..... | ..... | ..... | 6,700 0 0 | 6,700 0 0 |
| ..... | ..... | ..... | ..... | ..... | 5,000 0 0 | 5,000 0 0 |
| ..... | ..... | ..... | ..... | ..... | 6,503 0 0 | 6,503 0 0 |
| ..... | ..... | ..... | ..... | ..... | 14,500 0 0 | 14,500 0 0 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| To be raised in 1888-89. 6,82,000 0 0 | | | | 2,620 0 0 | 2,04,083 0 0 | 2,06,703 0 0 |
| 11,82,000 0 0 | ..... | ..... | ..... | 5,860 0 0 | 6,00,601 0 0 | 6,06,461 0 0 |

## E.—SUMMARY.

| | Estimated cost of works. | Amount of Loan sanctioned. | Amount actually raised or to be raised up to 1888-89. | Expenditure up to 31st March 1888. | Estimated expenditure for 1888-89. | Total anticipated expenditure up to 1888-89. | Anticipated balance on 1st April 1889. |
|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 27 Lakhs Loan, as per Statement marked A ... | 27,00,000 0 0 | 27,00,000 0 0 | 26,94,000 0 0 | 26,15,403 2 7 | 78,596 13 5 | 26,94,000 0 0 | ..... |
| 44 Lakhs Loan, as per Statement marked B ... | 44,00,000 0 0 | 44,00,000 0 0 | 44,00,000 0 0 | 35,95,700 7 11 | 1,60,133 4 11 | 37,55,833 12 10 | 6,44,166 3 2 |
| Sanitary Works Loan of 7 Lakhs, as per Statement marked C ..... | 7,00,000 0 0 | 7,00,000 0 0 | 7,00,000 0 0 | 4,07,069 3 1 | 2,72,930 12 11 | 6,80,000 0 0 | 20,000 0 0 |
| Tansa Water Works Loan, as per Statement marked C ..... | 1,23,00,000 0 0 | 1,23,00,000 0 0 | 72,00,000 0 0 | 31,59,698 6 9 | 27,18,501 9 3 | 58,78,200 0 0 | 13,21,800 0 0 |
| 12 Lakhs Loan for Queen's Road Sewerage & Frere Road Main, as per Statement C ..... | 12,00,000 0 0 | 12,00,000 0 0 | 12,00,000 0 0 | 64,056 1 6 | 3,00,729 4 6 | 3,64,785 6 0 | 8,35,214 10 0 |
| Loan of 11,82,000 for Markets and Miscellaneous Works, as per Statement D ..... | 11,82,000 0 0 | 11,82,000 0 0 | 11,82,000 0 0 | ..... | 6,06,461 0 0 | 6,06,461 0 0 | 5,75,539 0 0 |
| Total... | 2,24,82,000 0 0 | 2,24,82,000 0 0 | 1,73,76,000 0 0 | 98,41,927 5 10 | 41,37,352 13 0 | 1,39,79,280 2 10 | 33,96,719 13 2 |

The consideration of the question of providing a chain and badge of office for the President was postponed till after the Budget Estimates have been passed.

No. 5406.

The Municipal Secretary informed the Standing Committee that with reference to this matter he has been requested by a member of the Committee to credit all fees due to him for attendances, or that may become so due, to a fund for providing the chain and badge.

The consideration of complaint from Mr. A. H. Gheesta relating to the severance of water-connection from his house at Parel Road, Byculla, was postponed till next meeting.

*Ordered* : That the following be laid on the table :—

Letter, dated 17th ultimo, from Messrs. Ardeshir Framji Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for October last, and compared them with the ledger and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

No. 5407.

The consideration of the following, which have been referred to the Municipal Commissioner for remarks, was postponed :—

(1) Letter, dated 15th ultimo, from Messrs. Madhowjee Narayan and others, complaining that certain owners in Kutodi Oart, Girgam Road, not having erected cesspools for sullage and privy water, a nuisance is caused thereat.

No. 5408.

(2) Further petition, dated 16th November 1888, from Messrs. L. F. DeSouza, Peter Crasto and other residents of Matharpakadi, relative to the nuisance caused by the overflow of a cesspool thereat.

No. 5409.

Considered the following :—

Further letter, dated 7th ultimo, from Mr. Ebrahim Valleebhoy, complaining that he is refused admission to the Assessor and Collector in respect of an appeal.

Memorandum No. 16228, dated 30th November 1888, from the Municipal Commissioner, remarking on the above letter.

Letter, dated 13th ultimo, from Mr. Ebrahim Valleebhoy, objecting to the transfer, in the assessment book, of a house at Mirza Ali Mahomed Khan Street.

Read the following :—

No. 15808 of 1888-89.

*24th November* 1888.

MEMORANDUM.

In reply to his letter of the 11th September last, to the address of the Chairman of the Municipal Corporation, Mr. Ebrahim Valeebhoy is informed that from the papers received with the Assessor and Collector's report it appears that he was allowed several appointments which he failed to keep, and that the statement that he was not allowed access to any one in the Assessor's Officer is reported to be groundless.

2. As regards the transfer of the property No. 35, Old Nagpada Street, Ward No. 3180, it appears that it was sold at the instance of the mortgagee Gowerdhan Jadabhai, that it was purchased at the auction sale by Ghanshi Warvesh Bajoo in whose name the property now stands in the assessment book. Unless Mr. Ebrahim Valleebhoy produces an authoritative declaration of his title to the property and obtains legal possession of it, it cannot be transferred to his name or to that of his wife.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, in reply to his letters, dated 7th and 13th ultimo, Mr. Ebrahim Valleebhoy is referred to the letter No. 15808, dated 24th idem, received by him from the Municipal Commissioner."

No. 5410.

*Carried.*

Read letter to the Corporation, dated 26th November 1888, from Mr. Pestonjee Dajeebhoy, referring to a letter written by him to the *Bombay Gazette* complaining of the drainage operations in Dhobitalao district, and stating that in case any accident is done thereby to him or to his family, he will take such steps as he may be legally advised against the members of the Corporation severally and jointly.

*Resolved :* That the Corporation be recommended to inform the applicant that any complaint which he may wish to lodge on the subject should be made to the Corporation, or to the Municipal Commissioner direct, and not by way of reference to a letter in a newspaper.

No. 5411.

The consideration of the following was postponed :—

1. Report by Mr. Tomlinson, Deputy Executive Engineer, on the question of the short rainfall this monsoon and its effects on the water-supply.

2. Application for outlay of Rs. 3,000, for a cost of magnetic spongy carbon for filtering water and sewage.

3. Application for sanction to the writing off of Rs. 231-13-0, being the amount of irrecoverable bills for plants supplied to different persons from Victoria Gardens.

4. Letter, dated 2nd ultimo, from Yemunabai, asking for a license for her premises at Mustan Tank Road as milch-cattle stables.

Considered memorandum No. 15421, dated 21st ultimo, from the Acting Municipal Commissioner, forwarding the Health Officer's Report for the Second Quarter of 1888.

*Resolved:* That the Health Officer's Report for the second quarter of 1888 be passed on to the Corporation.

No. 5412.

Read and *recorded* memorandum No. 16219, dated 30th November 1888, from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated damage. | Cause of fire. |
|---|---|---|---|---|---|
| 22nd Nov. 1888. | Dhunji Cross Lane off Sheik Memon Street. | None. A fire broke out in a godown, but was almost immediately extinguished. | Sultan Jung, of Hyderabad, Deccan | Nominal. | Smoking. |

Read letter No. 16437, dated 4th instant, from the Acting Municipal Commissioner, to the Secretary, as follows :—

No. 16437 of 1888-89.

BOMBAY, 4*th December* 1888.

SIR,—As there appears to be still some doubt as to the procedure to be adopted with regard to the proposed new road to Elphinstone Bridge, and as the owner of the land is not prepared to accept the terms sanctioned in the Resolution of the Corporation, No. 5293, dated 19th November 1888, I will, with the permission of the Standing Committee at their next meeting, make a statement on the subject and ask for further instructions.—I have, &c., E. C. K. OLLIVANT, Municipal Commissioner.

After discussion it was agreed that the Commissioner be asked to renew this application.

No. 5414. The further consideration of the Budget Estimates for 1889-90 was proceeded with.

*Assessment and Collection Department.*

Considered memorandum No. 16323, dated 1st instant, from the Municipal Commissioner, forwarding letter No. 16858 of 1888-89, from the Assessor and Collector, and stating that he (Mr. Ollivant) is under the impression that all

increments previously promised are included in the Budget proposals of the Standing Committee, and that it is only the consideration of increments now proposed for the first time which is being left over until the new schedule shall be before the Standing Committee ; should it be otherwise, the Commissioner requests that these papers may be laid before the Standing Committee.

After discussion, it was agreed that the final annual increment of Rs. 50 per mensem to the Assessor and Collector be passed as already entered in the estimate already sanctioned by the Committee.

*Public Health Department.*

*Detailed Statement No.* 8.—*Section I, General Supervision*, was passed at Rs. 26,400 per annum, including the increment of Rs. 50 per mensem to the Assistant Health Officer, as per the Proceedings of the Town Council of the 6th December 1884. (*The grant for the current year is Rs.* 25,800*).*

*Section IV.—Repairs, Conservancy Branch.*—It was agreed to insert the following note against item of Rs. 500, masons for small repairs to water-tables and drains :—

"Subject to possible transfer to the Executive Engineer."

*Section II.* (A), *feed of bullocks, Conservancy Branch, and Section C, feed of bullocks, Halalkhor Branch.*—It was agreed that these items be passed, subject to the filling in of figures to be ascertained on Monday, the 10th instant, on the acceptance or otherwise of tenders for the supply of grain.

*Section VI., purchase of bullocks, Conservancy Branch,* and *Section F, purchase of bullocks, Halalkhor Branch.*—It was agreed to ask the Commissioner to explain how the total number of additional bullocks asked for has been calculated.

The total grant for the Health Department, including General Supervision and Conservancy, was passed at Rs. 10,54,634-13-3, subject to alteration consequent on the rates of tenders for grant as above. (*The grant for the current year is Rs.* 9,79,213-13-3.)

*Markets and Slaughter Houses.*

The grant for this head was passed at Rs. 1,23,301-10-9, subject to alteration consequent on the rates of tenders

for grain. (*The grant for the current year is Rs.* 93,587-2-9.)

*Registration of Births and Deaths.*

The grant for this head was passed at Rs. 19,374. (*The grant for the current year is Rs.* 21,018.)

CEMETERIES—The grant for this head was passed at Rs. 10,208-4-6. (*The grant for the current year is Rs.* 5,629-0-6.) The increase is on account of the new item of firewood for cremation of bodies of Hindu paupers and outcastes, Rs. 4,880; pay of an attendant, Rs. 120 per annum, increase in water consumed Rs. 81.

The grant for LABORATORY was passed at Rs. 600 per annum, *the same amount as for the current year.*

The grant for MAHALUXMEE DHOBIWADA was passed at Rs. 20,973. (*The grant for the current year is Rs.* 19,427.) The increase is due to repairs Rs. 1,094, and increase of water consumption Rs. 500.

The grant for CONVEYANCE OF INFECTED PERSONS and DISINFECTION was passed at Rs 200, *the same amount as for the current year.*

The grant for MILCH CATTLE STABLES was passed at Rs. 8,189. (*The grant for the current year* is Rs. 13,608.) The decrease is due to the lesser consumption of water and to the decrease in repairs.

The grant for TANK CONSERVANCY was passed at Rs. 6,144, *the same amount as for the current year.*

The grant for VACCINATION was passed at Rs. 17,040. (*The grant for the current year is Rs.* 17,924.)

The estimates for expenditure for the Health Department (including Supervision, Conservancy, Markets and Slaughter Houses, Registration of Births and Deaths, Cemeteries, Laboratory, Mahaluxmi Dhobiwada, Conveyance of Infected Persons, Milch Cattle Stable, Tank Conservancy, and Vaccination) were passed at Rs. 12,60,664-12-6, subject to alteration, consequent on the rates of tenders for supply of grain. (*The grant for the current year is Rs.* 11,57,351-0-6.)

The Committee decided to meet at 3 P.M. on Friday, the 7th instant, for the further consideration of the Budget Estimates for the ensuing year, and at 12 o'clock on Wednesday, the 12th instant.

BOMBAY, *7th December* 1888.

AT a Special Meeting of the Standing Committee, held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the HEALTH OFFICER; the ASSISTANT HEALTH OFFICER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

On the motion of Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq., the Hon'ble Mr. Rahimtula Mohamed Sayani was voted to the chair.

A note was received from Mr. Dosabhai Framji, C.S.I., apologizing for non-attendance.

The further consideration of the Budget Estimates for 1889-90 was proceeded with.

*Public Works (Engineer's) Department.—Detailed Statement No. 9.*—The total grant for the Engineer's Establishment was passed at Rs. 1,14,684. (*The grant for the current year is* Rs. 1,14,916.)

*Public Lighting Branch.*—The number of kerosine oil lamps was increased by 62, including 15 at Sankli Tank Street, 4 Mayo Road, 6 Sleater Street, and 2 Matharpakhadi Cross Lane, already erected, and 35 to be erected in Colaba. The grant for this head was passed at Rs. 3,12,104. (*The grant for the current year is Rs.* 3,05,004.)

*Road Repairs and Watering.*—The grant for this head was passed at Rs. 5.52,039. (*The grant for the current year is Rs.* 5,38,959.)

*Street Improvement.*—The grant for this head was passed at Rs. 1,00,000. (*The same amount as for the current year.*)

*Water Works.*—The total grant for this head was passed at Rs. 1,60,732. (*The total grant for the current year is Rs.* 1,61,400.)

*Drainage.*—The total grant for this head was passed at Rs. 1,01,651. (*The total grant for the current year is Rs.* 99,852.)

The grant for special provision for cleaning, lighting and repairing Port Trust Wharves was passed at Rs. 25,000. (*The same amount as for the current year.*)

The total estimates of expenditure for this Department, including lighting, watering and repairing Roads, Street Im-

provement, repairs to Municipal buildings, Water Works, Drainage and Special provision for cleaning and lighting and repairing Port Trust Wharves, were passed at Rs. 13,72,210. (*The grant for the current year is* Rs. 13,51,131.)

*Maintenance of Public Gardens—Detailed Statement No.* 10, *Victoria Gardens—Section* 1, *Establishment.*—With reference to the estimate of Rs. 50 per mensem for conveyance allowance to be debited to Road Repair Grant, payable to the Superintendent of the Gardens, Major Selby objected to such debit, as also to the principle of employing the Superintendent to look after road-side trees. After discussion it was agreed to postpone this question till the schedule of appointments comes on for discussion.

*Section IV., Repairs and New Works.*—Rs. 8,000 for renewals of clerks' house, archway, railings, &c., were passed, subject to the Commissioner's reporting on the general question of the proposed further improvements before such expenditure is incurred.

The estimates of expenditure for 1889-90 for Public Gardens were passed at Rs. 60,375. (*The grant for the current year is* Rs. 63,200.)

*Municipal Debt—Detailed Statement* No. 11.—On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was agreed to reduce the amount of loans to be raised in 1889-90 for house sullage, water connections, Agripada; and Bhuleshwar Market extension, as per Budget, from Rs. 9,00,000 to Rs. 4,00,000 as under :—for Agripada house sullage water connections (sanctioned by the Corporation on the 8th October 1888) Rs. 2,48,000; Buleshwar Market extension (sanctioned by the Corporation on 9th July 1888) Rs. 1,50,000.

A proposal for providing Rs. 5,00,000 for new market for Foras Road and for other works was struck out of the estimate.

The grant for payment of Interest, Sinking Fund, &c., on the several debts due by the Municipality was passed at Rs. 15,20,927-4-10. (*The grant for the current year is Rs.* 14,84,999-3-3.)

*Pensions and Gratuities, Detailed Statement No.* 12.—The grant for this head was passed at Rs. 23,000. (*The same amount as for the current year.*)

*Police Charges.*—Major Selby suggested that all charges in connection with this head should be lumped together, the Corporation paying its portion of such charges conjointly with Government.

| | | |
|---|---|---|
| | | Rs. 3,58,752 |
| *Less*—Charges transferred to the Municipality— | | |
| Queen's Statue Lighting .... | Rs. 1,120 | |
| Maintenance..... | „ 343 | |
| | Rs. 1,463 | |
| Victoria and Albert Museum Establishment ..... | Rs. 8,587 | |
| Maintenance ..... .. | „ 413 | |
| | 9,000 | |
| | | 10,463 |
| | | Rs. 3,48,289 |
| *Less*—Government contribution ..... | | Rs. 90,000 |
| | Total.. | Rs. 2,58 289 |

The grant for this service was passed at Rs. 2,58,289 as per margin. (*The grant for the current year is Rs.* 2,61,352.)

*Education, including new Veterinary College, &c.*—With reference to the grant for the school for Deaf-mutes, Mr. Cowasjee Hormusjee drew attention to the fact that no report has yet been received regarding the working of the school.

With reference to the grant-in-aid for the Victoria Jubilee Technical Institute, the following was read :—

TARDEO, BOMBAY, *6th November* 1888.

TO THE CHAIRMAN OF THE STANDING COMMITTEE OF THE MUNICIPAL CORPORATION, BOMBAY.

SIR,—The Board of the Victoria Jubilee Technical Institute desire me to approach your Committee with a request that in the ensuing year's Budget you will be good enough to recommend to the Corporation the increase of the annual grant from Rs. 5,000 to Rs. 10,000.

The advantages to the Municipality from supporting such an institution are too well known both to the members of your Committee and to the Corporation to need further reference from this Board ; but I am directed to call your attention to the fact that the present income falls short of the expenses that are required for the satisfactory conduct of the institute, and the Board hope that if the Municipality responds to this request, other bodies may be induced also to increase their grants, and that institute may gradually be brought to a fully developed state of permanent efficiency.—I have, &c., NOWROJEE N. WADIA. Honorary Secretary to the Board of the Victoria Jubilee Technical Institute.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq., the grant for the institute was increased from Rs. 5,000 to Rs. 10,000 per annum.

The estimates of expenditure for 1889-90 for Education, including Primary Education, Medical Females' scholarships, contributions for School for Deaf-mutes, Veterinary College, Victoria and Albert Museum, and

Victoria Jubilee Technical Institute were passed at Rs. 58,061.* (*The grant for the current year is Rs.* 50,398.)

*Hospitals, &c., Detailed Statement No. 2.—Jaffer Sulliman Dispensary.* Mr. Cowasjee Hormusjee suggested that the grant for the Dispensary should be reduced to Rs. 3,000 per annum.

After discussion the Commissioner was asked to obtain information as to the number of patients, &c.

The grant for the Dispensary was passed at Rs. 6,000 per annum, subject to the information asked for by the Committee.

Mr. Cowasjee Hormusjee proposed to make a grant towards the Eye and Ear Infirmary from the balance to be saved from the subscription toward the Jaffer Sulliman Dispensary ; but after discussion he withdrew the proposal.

The estimate was passed at Rs. 45,108.† (*The gran for the current year is the same.*)

*Discretional Contingencies.*

Proposed by Major Selby, seconded by Surgeon-Major Waters—

"That the word 'Discretional' be omitted, and that the designation be altered to 'Contingent grant to meet petty charges.'"

On a division, the motion was *lost.*

Proposed by Major Selby, seconded by Javerilal Umiashunker Yajnik, Esq.—

"That the grant be reduced to Rs. 5,000 per annum."

---

| | | |
|---|---|---|
| * Primary Education | Rs. | 22,500 |
| Addition ditto recommended by the Director of Public Instruction | | 8,874 |
| Medical Female Scholarships | | 1,000 |
| | Rs. | 32,374 |
| School for Deaf-mutes | Rs. | 1,800 |
| | Rs. | 34,174 |
| Veterinary College | Rs. | 2,500 |
| Victoria and Albert Museum | | 11,387 |
| Technical Institute | | 10,000 |
| Total ... | Rs. | 58,061 |

| | | |
|---|---|---|
| † Gokuldas Tejpal Hospital | Rs. | 36,000 |
| Establishment for proposed Small-pox and Cholera Hospital. | „ | 3,108 |
| Jaffer Sulliman Dispensary for Women and Children | „ | 6,000 |
| Total... | Rs. | 45,108 |

On a division, the motion was *lost*, the votes being 2 *for* and 4 *against*.

Proposed by Major Selby—

"That the item be transferred to the Municipal Commissioner's Office Establishment."

*Not seconded.*

The grant was passed at Rs. 7,000. (*The same amount as for the current year.*)

*Auditor's Allowance.*—On the motion of Cowasjee Hormusjee, Esq., the grant under the head was passed at Rs. 8,000 per annum. (*The grant for the current year is Rs.* 5,000).

*Rent of Municipal Office.*—The grant under this head was passed at Rs. 16,800. (*The same amount as for the current year.*)

*Election Expenses.*—The grant for this head was passed at Rs. 500. (*The same amount as for the current year.*)

*Municipal Buildings Fire Insurance Fund.*—A grant of Rs. 3,000 was made under this head.

*The grant for new works costing Rs.* 10,000 *or under* to be provided for out of Current Revenue as per Detailed Statement No. 13A, was passed at one lakh of Rupees.

*Detailed Statement No.* 13B *of new works*, proposed to be charged to Loan, amounting to Rs. 5,00,000, was struck out, the Committee having entered only four lakhs, as above, for Loan works, subject to alteration consequent on the rates that may be tendered for the supply and grain on the 10th instant.

The total estimate of Ordinary expenditure for the year 1889-90 was passed at Rs. 51,00,564.

The estimates for New Works and Municipal Building Reserve Fund were passed at Rs. 1,00,000 and Rs. 24,000 respectively, making a total of Rs. 1,24,000, or with balance of Rs. 1,45,360, including one lakh required by law, a grand total of Rs. 53,70,200. (*The total expenditure for the current year is Rs.* 51,89,750.)

## INCOME.

The Estimate of Income from General Tax (at 8 per cent. (including contribution of Rs. 50,000, from Government and Rs. 1,63,000, from the Port Trust) was passed

at Rs. 15,20,000. (*The Estimate for the current year is Rs.* 14,27,000.)

Ditto additional tax under Section 140 (*c*) of the Municipal Act for Fire Brigade charges at ½ per cent. ditto Rs. 95,000.

Ditto from Wheel Tax, ditto Rs. 3,30,200. (*The estimate for the current year is Rs.* 3,06,000.)

Ditto Toll Fees, ditto at Rs. 13,700. (*The estimate for the current year is Rs.* 15,800.)

Ditto from Liquor Licenses, ditto Rs. 1,43,750. (*The estimate for the current year is the same.*)

Ditto from Public Land Conveyance Badges, ditto Rs. 13,200. (*The estimate for the current year is Rs.* 4,200.)

Ditto from Tobacco Duty and Licenses, ditto Rs. 1,83,000. (*The estimate for the current year is Rs.* 1,80,000.)

Ditto from Town Duties, Rs. 6,70,000; the duties to be levied as follows :—

| | Rs. | a. | p. |
|---|---|---|---|
| Grain of all sorts, per candy ..... | 0 | 2 | 0 |
| Wines and spirits, per imperial gallon ..... | 0 | 4 | 0 |
| Beer, per imperial gallon ..... | 0 | 0 | 6 |
| Sugar, molasses and goor, per cwt. ..... | 0 | 6 | 0 |
| Ghee, per Bombay maund ..... ..... | 0 | 6 | 0 |
| Timber, excluding Railway sleepers ..... | 2½ per cent. on market value. | | |
| Firewood, per candy..... | 0 | 2 | 0 |

(*The estimate for the current year is Rs.* 7,89,000.)

Ditto contribution from Municipal servants towards Pension, &c., ditto Rs. 12,000. (*The estimate for the current year is Rs.* 10,000.)

Ditto from Halalkhor Tax ditto Rs. 3,93,000. (*The estimate for the current year is Rs.* 3,71,000.)

Ditto from Water Tax, Rs. 9,55,750, including the charges for water supplied for Municipal purposes. (*The estimate for the current year is Rs.* 8,82,700.)

Ditto from Market Receipts, Rs. 3,10,900. (*The estimate for the current year is Rs.* 2,70,600.)

Ditto from Miscellaneous Fines Rs. 8,000. (*The estimate for the current year is Rs.* 8,600.)

Ditto Miscellaneous Receipts, ditto Rs. 80,000.* (*The estimate for the current year is Rs.* 78,600.)

Ditto from Miscellaneous Fees, ditto Rs. 94,700.† (*The estimate for the current year is Rs.* 81,000.)

Ditto Miscellaneous savings, ditto Rs. 3,000. (*The estimate for the current year is the same.*)

Ditto from Public Gardens ditto Rs. 8,000. (*The estimate for the curent year is the same.*)

Ditto Tramway rent ditto Rs. 36,000. (*The estimate for the current year is Rs.* 35,500.)

Ditto Interest on the Building Fund Investments ditto Rs. 24,000.

Ditto Interest on the 7 lakhs Sanitary Works Loan Deposit account, Rs. 4,000, ditto Interest on the 12 lakhs Drainage and Water Works Loan Deposit ditto Rs. 12,000.

Ditto from interest on the Surplus Cash Deposit Account, ditto Rs. 10,000.

The estimate of total income for the year was passed at Rs. 49,20,200, making, with the opening balance of Rs. 4,50,000, Rs. 53,70,200. (*The total estimate for the current year is Rs.* 51,89,750.)

It was decided that the next meeting of the Committee, on Wednesday, the 12th instant, be held at 2 P.M.

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| | | |
|---|---|---|
| * Rent of Health Department Chawls | | Rs. 14,500 |
| „ Dhobiwada and Shops | | „ 11,500 |
| „ Milch Cattle Stables | | „ 13,026 |
| „ Land, Tanks, &c. | | „ 20,000 |
| „ Police and Fire Brigade Quarters | | „ 13,600 |
| Sundry Receipts | | „ 7,374 |
| | | Rs. 80,000 |
| † Health Department Fees— | | |
| Licenses | Rs. 30,000 | |
| Removing and Sinking dead animals. | „ 12,000 | |
| Grave of drains | „ 4,000 | |
| | | Rs. 46,000 |
| Engineer's Department— | | |
| Building fees (galleries, rewas, scaffolding and weather frames)... | Rs. 21,000 | |
| Opening roads and footpaths for cleaning of drains | „ 5,500 | |
| Sundry fees | „ 500 | |
| | | Rs. 27,000 |
| Assessment and Collection Department— | | |
| Notice, Warrant, Batakee and sundry fees | | Rs. 6,400 |
| Police Commissioner's Department— | | |
| Music fees | Rs. 9,890 | |
| Road occupying fees | „ 3,069 | |
| Sundry fees | „ 2,341 | |
| | | Rs. 15,300 |
| | | Total...Rs. 94,700 |

BOMBAY, 12*th December* 1888.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C. S., C.I.E.; Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The signing of the minutes of the meetings held on the 5th and 7th instant, was postponed.

The following were *withdrawn* by the Municipal Commissioner—5 applications for sanction to the payment of compensation for ground taken up for street improvement.

Considered letter No. 16266, dated 1st instant, from the Municipal Commissioner, to the Secretary, as under :—

SIR,—The late Town Council in their Resolution No. 3883, dated 22nd August last, sanctioned a sum of Rs. 663-12-10 for the acquisition of a portion of a property for the improvement of Kavasji Patel Street. This sum consisted of Rs. 250 for compensation for the structure and Rs. 143-12-10 for the purchase of 20 square yards of land at Rs. 20 per square yard. On appeal to the Chief Presidency Magistrate the first of these two sums has been increased from Rs. 250 to Rs. 749-7-8, and the rate for the land has been fixed at Rs. 35 per square yard, instead of Rs. 20 per square yard. The Magistrate has also awarded Rs. 135 as costs and Rs. 110-14-11 as interest at 5 per cent. from 18th May 1887. The total excess over the sanctioned sum is, therefore, Rs. 1,055-12-2, and this I have paid under Section 118 (*f*) by debit to the Street Improvement Grant, the same head to which the sanctioned sum was debitable.—I have, &c., E. C. K. OLLIVANT, Municipal Commissioner.

*Resolved :* "That the following be *recorded* :—

No. 5461. "Letter No. 16266, dated 1st instant, from the Municipal Commissioner, reporting, under Section 118 of the Municipal Act, that he has paid the excess of Rs. 1,055-12-2 over the grant of Rs. 663-12-10, for the acquisition of a portion of a property taken up for the improvement of Kavasjee Patel Street, the excess amount being debited to the same grant to which the sanctioned sum was debitable. That in the opinion of the Standing Committee there were good grounds for appeal in this case, and they cannot accept the rate herein mentioned as the ordinary price for ground in Kavasji Patel Street."

No. 5462. The seal of the Corporation was affixed to deed of conveyance from Orah Mulla Ebrahimji Manuji of ground taken up for the improvement line of Sarang Street. (The Acting Executive Engineer, in his letter No. 10944B, dated 4th December 1888, to the Municipal Commissioner, states that Orah Mulla Ebrahimji Manuji is the proper person to receive compensation in this case, not Mr. Jafferji Esmailji in whose name sanction to the taking up of ground was given by the late Town Council, in their Resolution No. 1590, dated 26th October 1875.)

No. 5463. It was agreed that the Report of the Sub-Committee on the question of the leakage of the Malabar Hill and Bhandarwada Reservoirs be printed and circulated and brought on for discussion at the next meeting.

It was decided that the prècis accompanying the Report should not be printed but that the papers be circulated to the Committee unprinted.

The following was transferred to the Outstanding business :—

No. 5464. "Letter No. 12428, dated 30th October 1888, from the then Acting Municipal Commissioner, forwarding two lists—(1), marked A, showing names of streets in which arcades have not hitherto been allowed, but where it seems desirable to have them in future; and (2), marked B, showing names of streets in which arcades have already been allowed; and asking the Standing Committee to recommend the Corporation to sanction, under Section 310 (2) of the Municipal Act III of 1888, the permission being granted by the Municipal Commissioner to the erection of arcades in the streets mentioned in the above lists."

Considered again Resolution of the Corporation, No. 4578, dated 4th October 1888, as follows :—

"That, in the opinion of the Corporation, it is desirable that a chain and badge of office should be provided for the President, and that the Standing Committee are hereby directed, after making such inquiry as they deem fit, to report to the Corporation what the probable cost will be and how the money is to be obtained."

Read memorandum No. 15274, dated 19th November 1888, from the then Acting Municipal Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 4965, dated 17th October 1888, letter, dated 15th

ultimo, from Messrs. Crawford and Buckland, stating that they can find no provision in the Municipal Act III of 1888, which would justify an outlay from the Municipal Fund for the purpose of providing such badges of office for the President of the Corporation.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5465. "That the Municipal Commissioner be requested to obtain the design of a chain and badge of office for the President of the Corporation, together with estimate of cost of the same."

*Carried.*

Considered again memorandum No. 4386, dated 29th September 1888, from the Municipal Secretary, forwarding, for favour of remarks by the Standing Committee, letter to the Corporation, dated 29th idem, from Mr. N. H. Gheesta, asking favourable consideration for correspondence relating to the severance of water connection from his house at Nos. 180—190, Parel Road, Byculla, by which, he alleges, the five shops on the ground-floor of the said house are left vacant, and he has been put to the loss of Rs. 75 per month in consequence.

Read memorandum No. 15273, dated 19th ultimo, from the then Acting Municipal Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 4971, dated 17th October, letter dated 15th November 1888, from Messrs. Crawford and Buckland, stating that in their opinion there is no legal liability on the Municipality to give a new connection to Mr. Gheesta at the cost of the Corporation.

No. 5466. *Resolved* : "That the Corporation be recommended to sanction under the special circumstances of the case, the putting in of a new connection to Mr. Gheesta's property at Nos. 180-90, Parel Road, Byculla, at the cost of the Municipality, on condition that Mr. Gheesta withdraw all further claims in respect of this transaction."

The consideration of Report by the Deputy Executive Engineer, Water Works, on the question of the short rainfall this monsoon and its effects on the water supply, was further postponed.

The following was transferred to the Outstanding business :—

No. 5467. "Letter No. 13595, dated 31st October 1888, from the then Acting Municipal Commissioner, asking the Standing Committee to recommend the Corporation to sanction the expenditure of Rs. 3,000, to meet the cost of new filtering material called magnetic spongy carbon, to be tried as an experiment in small tanks, for the purpose of showing the rate of filtration, and the effect on impure water. The charge to be debited to surplus cash balance."

The following was *withdrawn* by the Commissioner :—

No. 5468. "Memorandum No. 15582, dated 23rd ultimo, from the then Acting Municipal Commissioner, asking the Standing Committee to recommend the Corporation to sanction the writing off of Rs. 231-13-0, being the amount of irrecoverable bills for the supply, on credit, of plants of the Victoria Gardens to the persons mentioned in the list marked A."

Considered again letter, dated 2nd ultimo, from Yemnabai, praying that a license, as usual, may be granted for the current year for her premises at Nos. 3 and 7, Mustan Tank Road, as Milch Cattle Stables as hitherto.

Read memorandum No. 15678, dated 24th idem, from the then Acting Municipal Commissioner, as follows :—

The applicant was informed on the 30th May 1887 by the Health Officer that a license would not be granted owing to the unsuitable position of the stables and their proximity to buildings. In one of the stables a well was dug and the pollution of the water from the position of the well caused a prosecution. These stables are two of the most objectionable now in the city. The applicant has been informed that for these reasons a license will not be granted.

*Resolved:* No. 5469. "That in reply to her letter, dated 2nd ultimo, Yemnabai be informed that owing to the unsuitable position of the stables and their proximity to buildings, her request cannot be complied with."

It was agreed that the following be referred to the Municipal Commissioner for disposal, and that the applicant be informed accordingly :—

No. 5470. Letter, dated 5th instant, from Mr. Sunwar Bajary, complaining of the nuisance caused by the overflow of cesspool erected at No. 26, Barek Gully, Girgam Road, and asking that action may be taken in the matter.

Letter, dated 30th ultimo, from Messrs. Pandoorung Neelajee, L. F. D'Souza and others, complaining of the want of water-supply to their houses at Jakadevi Street, Koombarwada, Lower Mahim, and asking that water main may be provided and a fountain erected for the use of poor persons residing thereat.

No. 5471.

*Ordered*: "That the following be considered with the schedule of appointments, and that in the meantime the papers be circulated."

No. 5472.

Letter No. 15435, dated 21st ultimo, from the then Acting Municipal Commissioner, submitting for consideration certain remarks on the question of conveyance allowances entered in the Budget Estimates for 1889-90, as per the Committee's Resolution No. 4978, dated 17th October 1888.

Letter No. 15439, dated 21st ultimo, from the then Acting Municipal Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 3559, dated 1st August 1888, statement showing travelling allowances paid to Municipal officers and servants during 1887-88, and suggesting that in the case of clerks and other officers, including inspectors, surveyors, &c., drawing less than Rs. 500 per month, the following scale of such allowances be fixed :—

| | | | Per day. |
|---|---|---|---|
| Persons drawing | less than | Rs. 60 ... | Rs. 0-8 |
| Do. | do. | 60 and under „ 100 ... | „ 0-10 |
| Do. | do. | 100 „ „ „ 200 ... | „ 1-0 |
| Do. | do. | 200 „ „ „ 300 ... | „ 1-4 |
| Do. | do. | 300 „ „ „ 500 ... | „ 1-10 |

and that any cases not falling under the above heads be specially treated.

Read petition, dated 10th instant, from Mr. Gunput Nupoo, Manager of the Bhat Bazaar Shrawuk Temple, objecting to the affixing of a meter to the service pipe attached to the property, Ward No. 1328 (2), street No. 454A, Dongri Street, and praying that the temple property may be treated the same as other places of worship.

*Resolved*: "That Mr. Ganpat Nupoo be informed that the temple will be charged as all similar properties are charged."

No. 5473.

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 9th December 1888.*

* *See* Appendix B.

The Municipal Commissioner placed the following Resolution on the table and asked for further instruction as to the raising of any new portion of the loan:—

*Loans: Bombay Municipality.*

No. 4138.

GENERAL DEPARTMENT.

Bombay Castle, 24th November 1888.

Letter from the Officiating Secretary to the Government of India, Department of Finance and Commerce, No. 4937, dated 7th September 1888:—

"I am directed to acknowledge the receipt of your letter No. 2701, dated the 3rd August 1888, transmitting an application from the Municipal Commissioner on behalf of the Corporation of Bombay for permission to raise in the open market, for the works noted on the margin, a loan of Rs. 11,82,000, bearing interest at 5 per cent. per annum, and repayable in forty years.

| | | |
|---|---|---|
| Markets .. .. .. .. .. | Rs. | 5,00,000 |
| Drainage .. .. .. .. .. | " | 87,067 |
| Water Works .. .. .. .. | " | 1,35,000 |
| Roads .. .. .. .. .. | " | 2,86,875 |
| Miscellaneous .. .. .. .. | " | 73,879 |
| Other works some of which have not yet been finally considered by the Corporation .. .. .. .. | " | 99,239 |
| Total.. | Rs. | 11,82,060 |

"2. In reply I am directed to state that the works do not all appear to the Governor General in Council to be of a class the expenditure on which should be met from borrowed funds. The Presidency Municipal Acts ordinarily provide that money may be borrowed 'for works of a permanent nature' and in the new Bombay Municipal Act, the provision is that 'money shall not be borrowed for the execution of any work other than a permanent work, including under this expression any work of which the cost ought, in the opinion of Government, to be spread over a term of years. It becomes necessary therefore the more especially that the Municipality has recently largely increased its indebtedness, that when the Government of India sanctions borrowing it should satisfy itself that the Municipality does not borrow for expenditure which it ought to, and by its own continual practice admits that it ought to, meet out of its current revenue.

"3. The Governor General in Council sanctions the raising of Rs. 2,22,000 in the open market on account of the Drainage and Water-works on the terms proposed. But as regards the Rs. 5,00,000 required for markets, I am to request that it may be ascertained and reported to the Government of India whether this expenditure is estimated to enhance the revenues derived from markets, and if so, by how much. Regarding the other sums, I am to request that it may be explained why the Municipality should not provide from its ordinary revenue for the works proposed, namely:—

| | | |
|---|---|---|
| Roads .. .. .. .. .. .. | Rs. | 2,86,875 |
| Miscellaneous .. .. .. .. .. | " | 73,879 |
| And other works, some of which are not yet even considered .. .. .. .. .. | " | 99,239 |
| Total .. | Rs. | 4,59,993 |

All these are *prima facie* ordinary Public Works, which are usually met by the Bombay and all other Municipalities from the revenue of the year."

Letter from the Municipal Commissioner for the City of Bombay, No. 10687, dated 22nd September 1888—Furnishing the information called for in paragraph 3 of the Government of India's letter.

Letter from this Government to the Government of India, No. 3540, dated 8th October 1888.

Letter from the Secretary to the Government of India, Home Department, Municipalities, No. 217, dated 10th November 1888 :—

"I am directed to acknowledge the receipt of your letter No. 3540, dated the 8th ultimo, forwarding a letter from the Municipal Commissioner for the City of Bombay, in which he furnishes the explanation called for by the Government of India in its letter* No. 4937, dated the 7th September last, on the subject of the loan required by the Municipal Corporation of the City of Bombay for the construction of markets and for certain miscellaneous works.

* From the Department of Finance and Commerce.

"2. In reply I am to say that the Governor General in Council has felt some hesitation in connection with the proposed loan for roads, but having regard to the great importance of the roads and to the recommendation of the Bombay Government, His Excellency in Council is pleased to sanction the raising in the open market of a loan of Rs. 7,86,875* on the terms proposed in the application forwarded with your letter No. 2701, dated 3rd August 1888, and on the condition that, as stated by the Municipal Commissioner, no loan so large as this will be required for this class of works for some years to come. The Government of India is unable to sanction a loan for the miscellaneous and other works referred to in your letter. If the Commissioner's account of the finances of the Municipality is correct, there should be no difficulty in meeting the cost of such works out of revenue. I am at the same time to observe that in the opinion of the Government of India a wealthy Municipality like that of Bombay should not spread the cost of roads amounting to only about $2\frac{1}{2}$ lakhs over so long a time as 40 years.

| | | |
|---|---|---|
| * Markets .. .. .. .. .. | Rs. | 5,00,000 |
| Roads .. .. .. .. .. | " | 2,86,875 |
| | Rs. | 7,86,875 |

"3. With reference to the Resolution passed by the Corporation in 1887-88 to charge to Loan Funds all new works costing over Rs. 10,000, I am to observe that this Resolution is open to objection. It is opposed to the ordinary practice in municipal and public accounts with respect to the division of expenditure between Revenue and Loan. The practice of Companies working for a profit quoted in support of the Resolution in the letter of the Municipal Commissioner is, in the opinion of the Government of India, not relevant as the capital outlay in that case is productive, and is not, like the outlay on municipal roads, a burden upon the revenues of future years. The Government of India hopes, therefore, that the Resolution in question will be reconsidered by the Municipality as it is desirable that too wide an inter-

pretation should not be given to the power exercised by the Municipality of throwing forward charges on the revenues of future years."

RESOLUTION.—Copies of the letters from the Government of India should be forwarded to the Municipal Commissioner for the City of Bombay for information with reference to the correspondence ending with his letter No. 10387, dated 22nd September last.

2. Government trust that the Resolution of the Corporation to charge to Loan Funds all new works costing over Rs. 10,000 will be reconsidered by that body in the light of the remarks made in paragraph 3 of the Government of India's letter.

J. DE C. ATKINS, Under Secretary to Government.

No. 5474.

*Resolved* : "That, having heard the foregoing Resolution and the representation of the Municipal Commissioner, no further sum of the sanctioned loan of Rs. 7,86,875 should be raised until after July next. That a sum not exceeding two lakhs be allotted to the Sinking Fund at par.

"That the Resolution be printed on the minutes of this day's meeting, and para. 3 of the letter of the Government of India be considered at next meeting."

Read letter No. 16674, dated 11th instant, from the Municipal Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward copy of Government Resolution in the Public Works Department, No. 601 C.W.—1887, dated 12th ultimo, regarding the payment for the site at Bori Bundar made over by Government to the Corporation for the new Municipal Building, and to request that the necessary sanction may be given to the payment of the sum agreed upon, namely, Rs. 90,000. I beg a reference to the Resolution of the Corporation, No. 1021, dated 13th October 1884.

2. Subject to the aforesaid sanction being obtained, I also request that the Standing Committee will be good enough to sanction, under section 122 of the Municipal Act, sale of Municipal Building Fund Securities sufficient to realize this amount.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner.

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No. 601 C. W.—1887 OF 1888.

Public Works Department.

Bombay Castle, 12th November 1888.

Memorandum from the Financial Department, No. 3275, dated 31st October 1888.

Transfers a letter from the Accountant General, Bombay, requesting to be informed whether provision should be made in the Revised Estimate for the current year, under "I.—Land Revenue," for the sum of Rs. 90,000, due by the Bombay Municipality for the plot of land on the Esplanade allotted for the erection of the new Municipal Offices.

RESOLUTION.—The Land was allotted to the Municipality in October 1883, the charge being fixed at Rs. 90,000.

2. The Government of India, on a special representation, consented to payment being deferred until 1888-89.

3. The Municipality should now be called upon to complete the lease and pay in the purchase money, and the Accountant General may be informed that this asset may be taken credit for in the Revised Estimates for the current year.

WALTER C. HUGHES, Acting Secretary to Government.

No. 5475. *Resolved :* "That the Corporation be recommended to sanction the payment of Rs. 90,000, from the Municipal Building Fund, to meet the payment to Government for the site of the new Municipal office at Bori Bundar.

"That sanction be given to the sale of so much of the Building Fund securities which, together with available balances deposited to the credit of the fund, will be sufficient to realize Rs. 90,000."

No. 5476. In reply to a question the Commissioner stated that, out of the number of water connections, the severance of which was sanctioned by the Standing Committe, on 28th November 1888, only 4 connections have been actually severed.

No. 5477. The Commissioner informed the Committee that, under the provisions of Section 80 (1) of the Municipal Act, he has granted four days' casual leave before, and four days' casual leave after, the Christmas holidays to Mr. Barrow, Municipal Secretary, and that, under Section 85 (1), Mr. Douglas Bennett has been appointed to act for Mr. Barrow during the absence of the latter.

The Standing Committee expressed their approval of these arrangements.

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BOMBAY, 19*th December* 1888.

AT the meeting of the Standing Committee held this day, there were present :

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B. ; MAJOR H. O. SELBY, R. E. ; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on the 5th, 7th and 12th instant, were signed.

The seal of the Corporation was affixed to deeds of conveyance—

No. 5514. From Mr. Mahomed Hoosein Budroodin Joonarkar, of ground taken up for the improvement line of Chakla Street.

No. 5515. From Mr. Kurim Tar Mahomed Bowa, of ground taken up for the improvement line of Parel Road (Lal Bag).

Considered the following :—

## *THE LEAKAGE OF MALABAR HILL AND BHANDARWADA (JOHN HAY GRANT) RESERVOIRS AND IMPROVEMENT OF VEHAR FILTERS.*

### Report of Sub-Committee of the Standing Committee.

BOMBAY, 12*th December* 1888.

No. 3883. "That the whole question of the leakage of the Malabar Hill Reservoir as set forth in the various papers, which up to date have been placed before the Council, and also of those works which this day have been placed verbally before the meeting by the Acting Commissioner as being desirable improvements, be referred for the favour of report to the Sub-Committee of the Council appointed on the 7th May last, *viz.*, Colonel Merewether, Sir Henry Morland, and Dr. Waters, with the addition of Major Selby."

No. 4215. "That the Sub-Committee report on the following points :—

(1). What works the Committee, after consulting the Deputy Executive Engineer, consider should be taken in hand now ?

(2). Whether the Committee do or do not consider that it would be better to finish one reservoir first before undertaking the work of the other ? If not, why not ?

(3). That they furnish an abstract estimate of cost signed by the Deputy Executive Engineer and properly allocated between Revenue and Loan.

(4). What works the Committee consider may be further considered hereafter ?

(5). To report the *facts* regarding the supervising staff for Bhandarwada only, and from the records of the Town Council to report with reference to the *whole* period during which this reservoir was under construction.

(*a*). What references were made to the Town Council for staff ?

(*b*). How, *in each instance*, the Town Council treated these references ?

(*c*). Whether, *during the whole of this period*, any report was submitted to the Council, showing that the weakness of the staff was causing or likely to cause bad or indifferent work ?

(6). To report if the contractors' bills were paid on certificates that the work had been satisfactorily performed.

The Sub-Committee appointed as per margin on 22nd August last, by the late Town Council, and, as directed by the Standing Committee on 19th September last, beg to make the following recommendations:—

1. The works which should be taken in hand at once are those included in Division A, together with item 14 of Division B of the list of works submitted by the Acting Municipal Commissioner to this Sub-Committee, and appended hereto. These works are urgently needed for improving the inlet and outlet and for stopping the leakage of Malabar Hill Reservoir, for stopping the leakage of Bhandarwada Reservoir, and for equalizing the demand and supply at Vehar filters.

2. The works thus provided for should be taken in hand together as soon as practicable, and for the reason that it is necessary for convenience of arrangements in connection with the supply of water that the works should be undertaken piece-meal ; and it will thus be an advantage to proceed with the works at both reservoirs at the same time.

3. The abstract estimate, showing the nature of the proposed works and the allocation of the charges, is as follows :—

| | Owing to leakage to be charged to | | General improvement to be charged to | |
|---|---|---|---|---|
| | Revenue | Loan. | Revenue | Loan. |
| ("*Considered by Deputy Executive Engineer as being most urgent.*") | Rs. | Rs. | Rs. | Rs. |
| DIVISION A— | | | | |
| MALABAR HILL RESERVOIR. | | | | |
| 1. Turbine and centrifugal pump for supplying to high section ... ... ... ... | ..... | ..... | ..... | 4,600 |
| 2. Overflow and sludge pipes ... ... ... | ..... | ..... | 1,178 | 3,422 |
| 3. Alteration to inlet of direct delivery main ... | 920 | ..... | ..... | ..... |
| 4. Cushions for outlets of filters ... ... ... | ..... | 7,360 | ..... | ..... |
| 5. Repairs junction of skewbacks, south wall ... | 4,600 | ..... | ..... | ..... |
| 6. Re-pointing inner faces of wall ... ... | 7,000 | ..... | ..... | ..... |
| | 12,520 | 7,360 | 1,178 | 8,022 |
| BHANDARWADA RESERVOIR. | | | | |
| 7. Pointing walls of filters in neat cement ... | ..... | 1,949 | ..... | ..... |
| 8. Pointing walls of filters where plaster is damaged ... ... ... ... ... ... | 805 | ..... | ..... | ..... |
| 9. Removing and replacing filtering materials ... | 13,248 | ..... | ..... | ..... |
| 10. 6" Portland cement concrete on floor of filters .. | ..... | 41,400 | ..... | ..... |
| 11. Portland cement concrete walls on inside and outside of distributing basin ... ... ... | ..... | 1,01,680 | ..... | ..... |
| 12. Pointing inner face of storage basin walls in neat cement ... ... ... ... ... | ..... | 5,296 | ..... | ..... |
| Total ... | 14,053 | 1,50,325 | ..... | ..... |
| DIVISION B.— ("*Strongly recommended by Deputy Executive Engineer.*") | | | | |
| VEHAR FILTERS. | | | | |
| 14. Balancing Reservoir, 1 million gallons capacity | ..... | ..... | ..... | 46,000 |
| Total ... | 26,573 | 1,57,685 | 1,178 | 54,022 |
| | | | Grand Total ...Rs. | 2,39,458 |

4. All the works included in Division B, other than No. 14 as above, together with those shown in Division C, should be taken into

consideration by the Corporation hereafter, that is, the extension of the filter beds, and of matters connected therewith in items 13, 15 to 22 inclusive. The consideration of these questions should be postponed until it has been ascertained to what extent the leakage is decreased by the remedial measures now recommended for adoption, and also, until something more is known about the new process of filtration brought to notice by Mr. Walton.

(*a*). The facts regarding the supervising staff for Bhandarwada, which are somewhat voluminous, are shown in the accompanying Statement marked A.*

(*b*). Statement A shows, in detail, that when applications were made for sanction to the employment of staff, such applications were sanctioned.

(*c*). No report was submitted to the Town Council to the effect that the weakness of the staff was causing, or was likely to cause, bad or indifferent work to be done on the Reservoir.

5. The bills of the contractor for the execution of Bhandarwada Reservoir were paid on certificates signed by the then Deputy Executive Engineer in charge and the Inspector employed, as follows :—"Certified that the above claim is correct, that the measurements have been made by me, and that the work has been performed in a satisfactory manner."

G. MEREWETHER.
HENRY MORLAND.
GEO. WATERS.
H. O. SELBY.

STATEMENT **A.**

*7th December* 1880.—The Commissioner applied for and obtained the Town Council's sanction to the employment of an Overseer on Rs. 50 per mensem for checking the removal of excavated material from Bhandarwada.

*15th March* 1881.—Ditto ditto a Surveyor for 9 months on Rs. 120 per mensem.

*30th August* 1881.—Ditto ditto the retention of the services for four months longer, of the overseer as above, for checking the carting away of excavated materials.

*16th December* 1881.—Sanction was given to the establishment for the special Drainage and Water Works up to the end of November 1881, as per revised list laid before the Council on 2nd August previously, at a monthly cost of Rs. 2,775.

* Similar information with regard to the period previous to the beginning of the work is given in a separate Statement marked B (circulated in manuscript).

31*st May* 1883.—On the recommendation of the Commissioner the Town Council sanctioned the continuance of the employment of the staff for Bhundarwada Water Works (included in the establishment for special works as above) from 31st August 1882 to 31st May 1883, at a cost of Rs. 540 per mensem, or any lesser amount that the Commissioner might find adequate as the works approached completion.

11*th July* 1883.—The Council sanctioned the continuance of this establishment from 1st June 1883, at a monthly cost of Rs. 550, the total amount to be charged to the fines inflicted on the contractor for non-completion of his contract within the period to which the contract has already been extended (31st May 1883).

8*th August* 1883.—A letter dated 10th July 1883, from Mr. Ellapa Ballaram, the Contractor for the Bhunderwada works, was read to the Council in which the contractor denied his liability for the charge referred to in the last paragraph and stated that he would decline to pay the fine imposed on him.

7*th May* 1884.—Sanction was given to the appointment of a Sub-Inspector to be permanently employed for the charge of the sluices and superintendence of the working of the reservoir, on a salary of Rs. 50 per mensem. At the same time the Corporation were recommended to sanction the grant of Rs. 550 from Surplus Cash Balance to defray the salary of this man.

The Corporation sanctioned this payment at the meeting held on the 18th June following.

9*th July* 1884.—The Council sanctioned the continuance of the employment of 2 Inspectors and 1 maistry for 2 months and some days at a cost of Rs. 370 per mensem to the debit of the fine inflicted on the Contractor.

On the 28th August following, however, the Commissioner informed the Council that the Contractors for both reservoirs were behind time under their contracts, and the question of inflicting penalties (for which provision had been made) would shortly have to be determined.

29*th October* 1884.—At their meeting this day, the Town Council struck out from the list of outstanding business, the item of "Letter, dated 10th July 1883, from Mr. Ellapa Ballaram," in which he denied that he was liable for the fines. On this occasion, the Commissioner stated that he would bring forward the matter at a future date.

13*th December* 1884.—At the Budget meeting held this day, the Council provided for the employment of a permanent new staff for the two reservoirs at a cost of Rs. 289 a month.

# APPENDIX.

## *Estimates Prepared by Mr. Tomlinson.*

## DIVISION A.

## (*Most Urgent, Rs.* 1,93,458.)

| Consecutive Number. | Description of Works. | Owing to leakage to be charged to | | General Improvement to be charged to | | Object of Work. |
|---|---|---|---|---|---|---|
| | | Revenue. | Loan. | Revenue. | Loan. | |
| | *Malabar Hill Reservoir.* | Rs. | Rs. | Rs. | Rs. | |
| 1 | Turbine and centrifugal pump for supplying to high section | .. | .. | .. | 4,600 | To abolish working expenses of Pumping Engine, Rs. 200 per month. |
| 2 | Overflow and sludge pipes | .. | .. | 1,178 | 3,422 | To enable settling basin to be cleaned out without emptying whole reservoir and to prevent water from running over the walls. |
| 3 | Alteration to inlet of direct delivery main | 920 | .. | .. | .. | To stop leakage of the present chamber. |
| 4 | Cushions for outlets of filters | .. | 7,360 | .. | .. | To prevent erosion of floors and leakage which would arise therefrom. |
| 5 | Repairs, junction of skewbacks, south wall | 4,600 | .. | .. | .. | To diminish the leakage from the places where the walls were broken into. |
| 6 | Pointing inner faces of walls | 7,000 | .. | .. | .. | To diminish leakage. |
| | Total.... | 12,520 | 7,360 | 1,178 | 8,022 | |
| | *Bhandarwada Reservoir.* | | | | | |
| 7 | Pointing walls of filters in neat cement | .. | 1,949 | .. | .. | To prevent water from passing from one filter to another. |
| 8 | Do. do. where plaster is damaged | 805 | .. | .. | .. | To diminish leakage. |
| 9 | Removing and replacing filtering materials | 13,248 | .. | .. | .. | Necessary to enable Nos. 7, 8 and 10 to be done. |
| 10 | 6" Portland cement concrete on floor of filters | .. | 41,400 | .. | .. | To diminish leakage. |
| 11 | Portland cement concrete walls on inside and outside of distributing basin. | .. | 1,01,680 | .. | .. | To diminish leakage from walls. |
| 12 | Pointing inner face of storage basin walls in neat cement. | .. | 5,296 | .. | .. | Do. do. |
| | Total.... | 14,053 | 1,50,325 | .. | .. | |

# DIVISION B.

## (*Strongly recommended, Rs.* 8,02,393.)

| Consecutive Number. | Description of Work. | Owing to leakage to be charged to | | General Improvement to be charged to | | Object of Work. |
|---|---|---|---|---|---|---|
| | | Revenue. | Loan. | Revenue. | Loan. | |
| | *Vehar Filters.* | Rs. | Rs. | Rs. | Rs. | |
| 13 | Extension of Filters.—77,000 square feet..... | .. | .. | .. | 3,54,200 | To enable full quantity to be filtered at 4" per hour or 50 gallons per square foot per day. |
| 14 | Balancing Reservoir.—1 million gallons capacity..... | .. | .. | .. | 46,000 | To equalize demand and supply for night and day. |
| | Total .. | .. | .. | .. | 4,00,200 | |
| | *Malabar Hill Reservoir.* | | | | | |
| 15 | Extension of Filters over Settling Basin, 68,000 square feet. | .. | .. | .. | 1,87,680 | To enable water to be filtered at the rate of 4" per hour. |
| 16 | Alteration of Inlets to Filters ..... | .. | .. | 2,530 | .. | To admit water gently so as not to disturb the sand. |
| 17 | Sluice valve on Direct Delivery Main..... | .. | .. | 1,150 | .. | To prevent water going back from Filter Channel into Direct Delivery Main. |
| 18 | 9" Portland Cement concrete on floor of settling Basin .. | .. | 59,895 | .. | .. | To diminish leakage. |
| | Total .. | .. | 59,895 | 3,680 | 1,87,680 | |
| | *Bhandarwada Reservoir.* | | | | | |
| 19 | Construction of Filters over Storage Basin, 52,500 square feet. | .. | .. | .. | 1,50,938 | To enable full quantity to be filtered at approximately 4" per hour. |
| | Total .. | .. | .. | .. | 1,50,938 | |

# DIVISION C.

*(Not recommended for consideration until Divisions* A *and* B *are sanctioned.)*

| Consecutive Number. | Description of Work. | Owing to Leakage to be charged to | | General Improvement to be charged to | | Object of Work. |
|---|---|---|---|---|---|---|
| | | Revenue. | Loan. | Revenue. | Loan. | |
| | *Malabar Hill Reservoir.* | Rs. | Rs. | Rs. | Rs. | |
| 20 | 9" Portland cement concrete on floor vault under the present filters | .. | 31,936 | .. | .. | To diminish leakage. |
| 21 | 9" Portland cement concrete on floor of Storage Basin .. | .. | 46,434 | .. | .. | Do. do. |
| | Total..... | .. | 78,370 | .. | .. | |
| | *Bhandarwada Reservoir.* | | | | | |
| 22 | 9" Portland cement concrete on floor of Storage Basin .. | .. | 31,050 | .. | .. | To diminish leakage. |
| 23 | 9" Portland cement concrete on floor of Distributing Basin | .. | 51,750 | .. | .. | Do. do. |
| | Total.... | .. | 82,800 | .. | .. | |

# SUMMARY OF DIVISIONS A, B and C.

| | Owing to leakage to be charged to | | General Improvement to be charged to | | Grand Total | Remarks. |
|---|---|---|---|---|---|---|
| | Revenue. | Loan. | Revenue. | Loan. | | |
| *Malabar Hill Reservoir.* | | | | | | |
| Division A .. .. .. .. .. | 12,520 | 7,360 | 1,178 | 8,022 | | |
| „ B .. .. .. .. .. | .... | 59,895 | 3,680 | 1,87,680 | | |
| „ C .. .. .. .. .. | .... | 78,370 | .... | .... | | |
| Total .. | 12,520 | 1,45,625 | 4,858 | 1,95,702 | 3,58,705 | |
| *Bhandarwada Reservoir.* | | | | | | |
| Division A .. .. .. .. .. | 14,053 | 1,50,325 | .... | .... | | |
| „ B .. .. .. .. .. | .... | .... | .... | 1,50,938 | | |
| „ C .. .. .. .. .. | .... | 82,800 | .... | .... | | |
| Total .. | 14,053 | 2,33,125 | .... | 1,50,938 | 3,98,116 | |
| *Vehar Filters.* | | | | | | |
| Division B .. .. .. .. .. | .... | .... | .... | 4,00,200 | | |
| Total .. | .... | .... | .... | 4,00,200 | 4,00,200 | |
| Grand Total .. | 26,573 | 3,78,750 | 4,858 | 7,46,840 | 11,57,021 | |
| Trial holes already sanctioned .. | 2,500 | .... | .... | .... | 2,500 | |
| Total .. Rs | | | | | 11,59,521 | To be charged to Revenue Rs. 33,931.<br>To be charged to Loan Rs. 1,25,590. |

The Municipal Commissioner expressed the opinion that the subject of filtration should be considered as a whole, and that at the present juncture it is not desirable to undertake a small work at Vehar which may not fit in with the general scheme ultimately adopted.

He suggested that item 14, balancing reservoir, 1 million gallons capacity, Rs. 46,000, be struck out for the present, and that item 18, 9″ Portland cement concrete on floor of settling basin, Malabar Hill Reservoir, Rs. 59,895, be included in the recommendations of the Standing Committee.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5516. "That the recommendations contained in the report of the Sub-Committee, dated 12th instant, regarding the repair of the Malabar Hill and Bhandarwada Reservoirs, be *approved*.

"That the Corporation be recommended to sanction the carrying out of these works with the exception of No. 14 at an estimated cost of Rs. 1,93,458, to the debit of Loan and Revenue respectively, subject to the sanction of the Government of India to the raising of such loan.

"That the Corporation be also recommended to sanction the payment of advances from available balances to the amount of the cost to be debited to loan, such outlay to be adjusted to the debit of loan so soon as the raising of the same is sanctioned."

*Rider* proposed by Colonel Merewether :—

"That in view of the additional information placed before the Standing Committee by the Municipal Commissioner, item No. 18 be referred back to the Sub-Committee for the favor of opinion as to whether the work provided for therein should not be also sanctioned as one of the most urgent works."

The rider was accepted as part of the motion which, as thus amended, was *carried*.

No. 5517. *Resolved* : That, as applied for by the Municipal Commissioner in his letter No. 16881, dated 13th instant, sanction be given to the transfer of Rs. 3,413-4-6, from savings (1) Rs. 2,204, in Section I., Superintendence and Inspection, Conservancy Branch, same Budget ; and (2) of Rs. 1,209-4-6, in Section X., Halalkhor Branch, B, Labour, same head, same Budget, to

Section II., Labour, including feed of cattle, same head, same Budget.

*Resolved* : " That sanction be given to the transfer of Rs. 1,000, from savings in Section I., Establishment, Fire Brigade Budget, to Section III., Contingencies, for extinguishing fires, same Budget, to meet the excess of Rs. 62-5-10, over the grant for the contingencies and such further expenditure as may be incurred up to the end of the current financial year."

No. 5518.

Considered Report by the Deputy Executive Engineer for Water Works, dated 8th November 1888, on the question of the rainfall of the year and proposing the construction of additional catch-water channels at Vehar and Tulsi.

Proposed by Colonel Merewether, seconded by Major Selby—

" That the Corporation be recommended to sanction the payment of the construction of additional catch-water channels at Vehar at a cost of Rs. 3,600, chargeable to Revenue, and at Tulsi at a cost of Rs. 20,000 chargeable to Capital."

No. 5519.

*Carried.*

*Resolved* : " That the following be referred to the Municipal Commissioner for remarks :—Letter, dated 17th instant, from Messrs. Muljee B. Barbhaya, Dayabhai Jadhowjee, and other rate-payers and residents of Bhuleshwar, asking that Pinjrapole Lane may be lighted, and its cross lanes better lighted than at present. That applicants be informed accordingly."

No. 5520.

Read the following :—

No. 16666 OF 1888-89.

BOMBAY, 11*th December* 1888.

The accompanying correspondence is forwarded to the Standing Committee.

The water rate leviable in respect of temple is 3 annas per 1,000 gallons and that in respect of the portion used as a residence is 12 annas per 1,000 gallons.

As it is not practicable to separate the different supplies to the properties in question, the undersigned proposes to charge 8 annas per 1,000 gallons as a compromise between the two rates from 1st proximo for a term of 5 years with the approval of the Standing Committee, under Section 169, sub-section (1), clause (*b*) ; this case being apparently similar to the one dealt with in the late Town Council's Resolution No. 2197, dated 20th June last.

E. C. K. OLLIVANT, Municipal Commissioner.

*Resolved:* "That, as proposed by the Municipal Commissioner, sanction be given, under section 169 (1), clause (*b*), of the Municipal Act III. of 1888, to the charging of annas 8 per 1,000 gallons, as a compromise between the two rates leviable, *viz.*, 3 annas for 1,000 gallons to temples, and 12 annas per gallon to residence, from 1st January 1889, for a term of 5 years, for water supplied to Ward Nos. 3658 (land), 3659, 3660 (temple), and 3662 (residence), Tardeo Road."

No. 5521.

*Resolved:* "That the consideration of the following, which has been referred to the Municipal Commissioner for remarks, be postponed :— Petition, dated 11th instant, from Messrs. Bhagwandas Morlidhardas, Shewji Mulsi and other inhabitants of Lohar Chawl Street, Upper Mahim, praying that the street may be provided with gas lights."

No. 5522.

Read the following :—

No. 16879 OF 1888-89.

BOMBAY, 13*th December* 1888.

TO THE MUNICIPAL SECRETARY.

SIR,—With reference to the Resolution of the Standing Committee, No. 4322, dated 19th September, I have the honor to forward copy of letter No. 3490 B., dated 26th November, from the Sanitary Commissioner, and to state that as the want of a proper central vaccine station has been long felt, and as Government have already granted a site, the Standing Committee will recommend the Corporation to sanction the additional outlay mentioned in Mr. Charles' letter No. 10001, dated 8th September last, to the late Town Council.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner.

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No. 3490 B OF 1888.

SANITARY DEPARTMENT,
CAMP DHARWAR,
BOMBAY, 26*th November* 1888.

TO THE MUNICIPAL COMMISSIONER, BOMBAY.

SIR,—In forwarding copy of letter No. 1093 of 19th instant, from the Superintendent of Vaccination, Presidency Circle, I have the honour to request that the subject of a proper Central Depot be again brought to the special notice of the Municipality, in order that the matter may receive the serious attention it deserves

2. I shall do my best to keep the Superintendent supplied with fresh lymph from other sources, but a crisis like the present may be prolonged and apt to occur frequently so long as the calves are kept in such unhealthy stalls and surroundings, and my resources may be overtaxed.

3. The responsibility of the present unsatisfactory arrangements therefore, rests solely with the Municipality.—I have, &c., W. MACRURY, Surgeon Major, Sanitary Commissioner.

No. 5523. It was agreed that the foregoing papers be printed on the minutes of this day's meeting, and that the consideration thereof be postponed until next week.

Read the following :—

No. 17152 OF 1888-89.

BOMBAY, 19*th December* 1888.

TO THE MUNICIPAL SECRETARY.

SIR,—I have the honor to state that by their Resolution No. 1897, dated 22nd December 1887, the Corporation approved of a stock of water fittings being purchased for supply to private consumers, and for this purpose sanctioned an advance of Rs. 50,000 ; out of this sum Rs. 20,000 have already been spent in procuring certain pipes, sluices and hydrants, the contract having been given after advertisement in the usual manner.

Tenders were afterwards invited for the supply of taps and other fittings, and four tenders have been received. The lowest, both in the general total and almost in every item, is that of Messrs. John Fleming & Co., and, subject to the approval of the Standing Committee, I purpose to accept it. It is proposed at once to give an order for certain articles likely to be immediately required, the cost of which will aggregate Rs. 21,460. Articles subsequently required from time to time can be ordered at the schedule rates.

The acceptance of this tender will be subject to the following modifications and observations suggested by the Deputy Executive Engineer :—

"(*a*) The substitution of Penny's for Morris's drilling and tapping apparatus and the consequent substitution of Penny's ferrules for those designed by me, both these effect reductions in the tender, and as the machine is highly recommended by Water Works Managers I am acquainted with, I see no reason at present to accept a higher priced machine.

"(*b*) I should have liked to introduce Ham's patent bib taps, but the price is much higher, and as I do not think we could force people to

buy them, I think only a small supply should be got at present as follows :—

| $\frac{3}{8}''$ | $\frac{1}{2}''$ | $\frac{3}{4}''$ | $1''$ | $1\frac{1}{4}''$ | $1\frac{1}{2}''$ |
|---|---|---|---|---|---|
| 20 | 200 | 20 | 200 | 10 | 10 |

the balance being the ordinary double loose valve as per tender.

"(*c*) The alternative for ball valves is a better article, but as the price is higher I think it better at present to obtain a further supply of these patterns now in use and tendered for.

"(*d*) For spring tap I should obtain $20\frac{1}{2}''$, $19\frac{3}{4}''$ and $201''$ of Kennedy's patent. It is recommended to me as being more suitable than our present pattern, and although more expensive at first it might be found economical to introduce it after a trial."

The contract, if entered into, will be in force until the end of March 1891. The tenderers have deposited Rs. 5,000, and this deposit is more than sufficient for the order immediately contemplated, but in the event of its falling below 10 per cent. of the value of articles ordered at any one time I propose to ask the contractors to raise it to that amount.—I have, &c., E. C. K. OLLIVANT, Municipal Commissioner.

Proposed by Colonel Merewether, seconded by Cowasji Hormusji, Esq.—

No. 5524. "That sanction be given to the acceptance of the tender of Messrs. John Fleming & Co., for the supply of Water Works fittings and service pipes as per details contained in the Municipal Commissioner's letter No. 17152, dated 19th instant.

"That the Corporation be recommended to sanction the payment of a further advance of Rs. 50,000, for the purchase of these fittings, and that, pending such sanction, the order given by the Commissioner should not exceed the balance of the sanctioned grant."

*Carried.*

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 16th September 1888.*

Read and *recorded* memorandum No. 16883, dated 13th instant, from the Municipal Commissioner, forwarding,

* *See* Appendix B.

as required by Section 364 of the Municipal Act III. of 1888, return of fires in the city of Bombay :

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of fire. |
|---|---|---|---|---|---|
| 1888. | | | | Rs. | |
| 5th Dec. | Lines of the Marine Battalion | A fire took place in the lines of the Marine Battalion and damage was done to a chawl and property in it. | Unknown .. | 500 | Not known. |
| 6th Dec. | Sion .. | A jowli hut .. | RamjiLaksh Sman and Sakar am Ramji .. | 100 | Supposed to have been caused by a box of clothes that was above the fire place catching fire. |

No. 5525. *Resolved* : " That sanction be given, as applied for by the Municipal Commissioner, to the acceptance of tender from Messrs. Richardson and Cruddas, for the supply of castings at schedule rates to the value of Rs. 10,356, for the Queen's Road and Girgaum Districts, *plus* 10 per cent. for contingencies."

No. 5526. *Resolved* : " That the consideration of the following, which has been referred to the Municipal Commissioner for remarks, be postponed :—Letter No. 85, dated 13th instant, from the Secretary to the Trustees of the Sett Merwanji Framji Panday Charitable Funds, asking that the Panday Sanitarium (Merwan Bag) at Colaba may be exempted from payment of Halalkhore tax."

It was agreed that the next meeting be held at 3 P.M. on Wednesday, 26th instant.

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BOMBAY, 26*th December* 1888.

AT the meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (Lond.); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The DEPUTY EXECUTIVE ENGINEER, Water Works ; and the ACTING MUNICIPAL SECRETARY.

The minutes of the meeting, held on the 19th instant, were signed.

The following was referred to the Finance Committee for report :—

No. 5544. Para. 3 of letter from the Government of India, No. 127, dated 10th November 1888, Home Department, to the Bombay Government.

Proposed by Rao Saheb Vishvanath Narayan Mandlik, Seconded by Colonel Merewether—

No. 5545. "That, with reference to the Corporation's Resolution No. 2708, dated 26th March 1888, the Standing Committee recommend the Corporation to sanction the additional outlay of Rs. 11,410, to provide for cost of Vaccination Depôt and Stables, as the want of a proper central vaccine station has been long felt, and as Government have already granted a site for the purpose."

*Carried.*

Considered memorandum No. 17249, dated 21st instant, from the Municipal Commissioner, requesting sanction, under Section 172 of the Municipal Act, to the charging of Rs. 17-4-0 per month, from 2nd December 1888, for rendering special halalkhore service to the Government Remount stables at Kennedy Seaface.

No. 5546. *Resolved :* "That sanction be given to the charging of Rs. 17-4-0 per month, from 2nd December 1888, for special halalkhore service to the Government Remount stables at Kennedy Seaface."

Considered memorandum No. 17248, dated 21st instant, from the Municipal Commissioner, asking the Standing Committee to recommend the Corporation to sanction the writing off, as loss, of Rs. 1,362-2-5, from the live-stock return of the Health Department, being the book value of 20 bullocks that died, and 3 that were destroyed—total 23 bullocks—during the quarter ending 30th November 1888.

No. 5547. *Resolved :* "That the Corporation be recommended to sanction the writing off, as loss, of Rs. 1,362-2-5, from the live-stock return of the Health Department, being the book value of 20 bullocks that died and 3 that were destroyed—total 23 bullocks—during the quarter ending 30th November 1888."*

* *Causes of death* : 1 enlargement of liver and general debility, 13 old age and general debility, 1 inflammation of heart, 1 inflammation of heart and kidneys, 1 diseases of liver and cancer, 2 flatulent colic, 1 diseases of heart and lungs—total 20 died, and 3 destroyed—total died and destroyed 23.—*Locality where death or invalidity took place*—3 at Boree Bunder stable, 2 at C Ward stable, 2 D Ward stable, 1 at E Ward stable and 12 at Boree Bunder Hospital, and 3 destroyed—total 23. Annual percentage of losses on the whole strength of bullocks 6·1.

The following were postponed for want of information of the quality of the undermentioned articles :—

No. 5548. Letter No. 17290, dated 22nd instant, from the Municipal Commissioner, asking the Standing Committee's sanction to the acceptance of the tender of Messrs. Bhau Raghunath and Ratansi Premji, for the supply of grain during the year 1889-90, at the following rates :—

| | Rs. | a. | p. | |
|---|---|---|---|---|
| Urid ... ... ... | ... 39 | 0 | 0 | per 1,000 lbs. |
| Gram ... ... ... | ... 37 | 0 | 0 | do. |
| Bran ... ... ... | ... 27 | 8 | 0 | do. |
| Rice ... ... ... | ... 41 | 0 | 0 | do. |
| Matra ... ... ... | ... 26 | 0 | 0 | do. |
| Oil-cakes ... ... | ... 49 | 0 | 0 | do. |
| Salt ... ... ... | ... 43 | 0 | 0 | do. |

The Commissioner states that this will cause a further excess of Rs. 2 per pair of bullocks, and the additional sum to be provided therefore in Section II., Labour, including feed of cattle, Conservancy Branch, Health Department Budget, for 1889-90, is Rs. 17,376, in Section X., Labour, including feed of cattle, Halalkhore Branch, same Budget, Rs. 5,112, and in Section V., meat carriage, Market Budget, Rs. 1,104, or in all Rs. 23,592.

No. 5549. Memorandum No. 17262, dated 21st instant, from the Municipal Commissioner, asking sanction to transfers being made from time to time as may be required from one investment fund to another (say from the Sinking Fund account to Surplus Cash Deposit accounts, or from the Tansa Loan Deposit account No. 1 to the Tansa Loan Interest Deposit account No. 2, &c., &c.)

Read application from Mr. Ramchandar Muccondji, Head Clerk, Standing Committee's Office, for privilege leave from the 13th instant to 31st January 1889.

No. 5550. *Resolved* : "That privilege leave from 13th instant to 31st January 1889 be granted to Mr. Ramchandar Muccondji, Head Clerk, Corporation and Standing Committee's Office, as applied for in his application dated 21st instant."

Considered the following :—

# BOMBAY MUNICIPALITY.

## Water Works Department.

List of cases for which sanction of the Standing Committee is requested to the severing of water connections under Section 279 of Act III of 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| B | 1729 | 17-21 | Khadak Street ... ... | Raghuji Ladha ... ... | Water is allowed to be carried away by outsiders and run to waste | 5-12-88 |
| B | 1734-35 | 35-37-39 | Do. ... ... | Hari Bhanji ... ... ... | Do. do. do. ... | 5-12-88 |
| B | 1723 | 30-32 | Do. ... ... | Keshawji Hansraj ... ... | Do. do. do. ... | 5-12-88 |
| B | 1728 | 11-15 | Do. ... ... | Lalji Lakhamsi and Keshowji Hansraj | Do. do. do. ... | 5-12-88 |
| B | 1726 | 1-3 | Do. ... ... | Goverbhai Natha (P.O.) Rahimtoola Dhanji | Do. do. do. ... | 5-12-88 |
| B | 1727 | 5-9 | Do. ... ... | Rahimtoola Dhanji ... | Do. do. do. ... | 5-12-88 |
| B | 2284 | 481-501 | Parel Road, Bhendy Bazaar. | Aga Abdul Husen bin Haji Zenel Sherazi | Water is allowed to be used in the livery stable at the rear of the Chall | 5-12-88 |
| B | 1158 | 217 | Dongri Street .. ... | The Manager of the Sat Tad Musjid | Water is allowed to be used by the occupiers of ward Nos. 2040-2241, Mirchi Lane | 5-12-88 |
| C | 4001-2 | 5 (1) | Malarrav Vadi ... ... | J. S. DeAlmeida, Treasurer of the Church of N. S. DeEsperance | Water is used for pounding chunam as the house is pulled down | 7-12-88 |
| B | 2956 | 1-3 | Tantanpura Street ... ... | Hanmantrao Maroti ... | Water is allowed to be used by the occupiers of the adjoining dining places and to waste | 16-12-88 |
| C | 669-70 | 41-43 (1) | Dhunji Street ... ... | Jamsedji Sorabji Rustom-Kakana. | Service pipe and stopcock are out of order. | 8-12-88 |
| G | 1833 | 831 | DeLisle Road ... ... | Tookaram Ranoojee and Bapoojee Mahadjee. | Require a strong wooden box for protecting the metre | 2-12-88 |
| G | 2315 | 456 | Do. ... ... | Yasufali Abdulali ... | Stopcock is out of order ... | 6-12-88 |
| G | 1001 | 6 | Haines Road ... ... | The Manager of the Imperial Mills Co. | Require a new wooden box to protect the metre | 6-12-88 |
| G | 6125-26 | 14 & 15 | Dharavi Road ... ... | Mahomedali & Co. ... ... | Service pipe is out of order ... | 6-12-88 |
| G | 5174 | 16 to 18 | Mahim Bazaar Road ... | Lamba Manajee and Ratta Khetajee | Stopcock is out of order ... | 11-12-88 |
| A | 85 | 19 | Upper Colaba ... ... | Acting Engineer, Bombay Port Trust | Service pipe is out of order and also require an iron box over the stopcock | 10-12-88 |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| A | 240 | 128 | Colaba Road... ... ... | Dhanjibhoy Edaljee Framjee Albless. | Stopcock is out of order ... ... | 10-12-88 |
| *C* | *2945* | *83* | *Charniwady ... ... ...* | *Tokal bin Sultan Guhani ...* | *Service pipe is out of order ..* | 17-12-88 |
| *C* | *3447* | *89* | *Sonapur Lane ... ...* | *Purshotum Bhandari ...* | *Do. do. do. ...* | 17-12-88 |
| *C* | *3433* | *75* | *Do. ... ... ...* | *Sorabjee Wadia ... ...* | *Do. do. do. ...* | 17-12-88 |
| *C* | *3487* | *2* | *Sonapur Cross Lane ...* | *Dharma Kolee ... ...* | *Stopcock and service pipe are out of order* | 17-12-88 |
| *C* | *6664* | *79-81* | *1st Carpenter Street ...* | *Hiralal ... ... ...* | *Stopcock is out of order ... ...* | 1-12-88 |
| *C* | *6555* | *43* | *Do. ...* | *Hirji Pandoorang ... ...* | *Stopcock is out of order and require to be changed into a new pattern one* | 1-12-88 |
| C | 7644 | 84 | Koombarwada ... ... | Saik Ahmed Saik Dawood... | Stopcock and bibcock are out of order | 1-12-88 |
| C | 7476 | 67 | Bhandari Street ... ... | Ganpat Purshotum ... ... | Stopcock is out of order ... ... | 5-12-88 |
| B | 1791 | 92 | DeSouza Street ... ... | Rackmajee Vitojee... ... | Stopcock and bibcock are out of order and also require a lid over the stopcock box | 6-12-88 |
| C | 6614 | 85 | 2nd Carpenter Street ... | Jadavjee Pryagjee ... ... | Stopcock is out of order ... ... | 14-12-88 |
| F | 556 | 53-55 | Suparibaug Road ... ... | Cursetjee Nusserwanjee and Burjorjee Muncherjee Wadia, Trustees of Settlement of Gulbai | Do. do. ... ... | 8-12-88 |
| F | 296-97 | 53-54 | Curry Road ... ... ... | Mungaldass Tapidass ... | Service pipe and bibcock are out of order | 7-12-88 |
| F | 17 | 267-269 | Arthur Road ... ... | Gunesh Appajee and Bailajee Appajee | Bibcock is out of order ... ... | 15-12-88 |
| F | 6560-61 | 127-128 | Burran Tank Road ... ... | Ebram Usman ... ... | Service pipe is out of order ... | 14-12-88 |
| F | 7194 (2) | 761 A | Do. ... ... | Pundlic Narayen ... ... | Stopcock is out of order ... ... | 14-12-88 |
| F | 140 | 1 | Suparibaug Road ... ... | Ardaisur bin Meherban Iranee | Do. do. ... ... | 15-12-88 |
| B | 2256 | 343-45 | Parel Road, Bhendy Bazaar. | Dadabhoy and Cowasjee Pallonjee | Service pipe and stopcock are out of order | 24-11-88 |
| B | 2252 | 323-325 | Do. ... | Cowasjee Sorabjee ... | Service pipe is out of order ... | 24-11-88 |
| B | 2096 | 25-27 | Chakla Street ... ... | Ismail Hajee Isak ... | Require a stopcock box on road... | 3-12-88 |

No. $\frac{W}{4699}$ of 1888-89.

Forwarded to the Municipal Commissioner.

S. TOMLINSON, C.E.,
Deputy Executive Engineer, in charge Water Works.

19*th December* 1888.

# BOMBAY MUNICIPALITY.

## Water Works Department.

List of cases for which sanction of the Standing Committee is requested to the severing of water connections under Section 279 of Act III. of 1888 (Bombay Municipal Act).

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on. | |
|---|---|---|---|---|---|---|---|
| B | 208 | 28-32 | Nagdevi Road ... ... | Karim Jamal... ... ... | For non-payment of property rate bills Nos. 4826 and 5789 for Rs. 50-10-0 each for 1st and 2nd half of 1888-89 | | Assessor'sNo.18130, dated 21stDecember 1888. |
| C | 2733 & 2737 | 3-7 | Lohar Street... ... ... | Messrs. Ramchundra and Wasudeo Gunpatji | For non-payment of property rate bill No. 2335 for Rs. 80-4-1 for 1st half of 1888-89 | | |
| B | 2957 | 4-5 | Tantanpura Street ... ... | Kondaji bin Manji ... ... | Water is allowed to be used by the occupiers of the adjoining dining places, and also run to waste from the cistern | 19-12-88 | |
| B | 2994 | 272-276 | Samuel Street ... ... | The Trustees of the Caste Dining Place | Water is allowed to be used by the occupiers of the adjoining dining places. | 19-12-88 | |
| B | 3252 | 40-42 | Nishanpada Cross Lane ... | Naya Gangi (P.O.) Ebrahim | Water is allowed to outsiders and run to waste | 19-12-88 | |
| B | 3253 | 1 | Do. do. ... | Manji and Anaji Tukaram ... | Do. do. | 19-12-88 | |
| B | 2892 | 38, 40 &96-98 | Nishanpada Road and 1st Chinch Bunder Row | Mariambai, wife of Ganchi Mosa Isa | Do. do. | 19-12-88 | |
| B | 2592 | 189-193 1-13 | Kambeker Street and 1st Chinch Bunder Row | Ibrahim Haji Jackaria ... | Do. do. | 19-12-88 | |
| B | 2594 | 199-203 | Kambeker Street ... ... | Haji Vaidina H. Ibrahim ... | Do. do. | 19-12-88 | |
| B | 4786 & 5386 | 144, 62 & 74 | Argyll Road and Broach Street | Wagji Thakersy ... .. | Water is allowed to be used by the occupiers of the grain shed | 19-12-88 | |
| B | 4787 | 64-70 | Argyll Road... ... ... | Haji Hasam Haji Isa and Haji Abdastar Haji Isa | Do. do. | 19-12-88 | |
| B | 1332 | 2-4 | Kaji Sayed Street ... ... | Goculdass Madhowdas ... | Water is allowed to outsiders and run to waste | 19-12-88 | |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| A | 778 | 22 to 36 | Nowroji Street ... ... | Hajee Sale Mahomed Pertap | Water is allowed to be used by outsiders from the tap in the gully | 24-12-88 |
| A | 636 | 16-18 | Edulji Street... ... ... | Dhunjeebhoy Dadabhoy ... | Water is allowed to be used by the tenants of No. 20-22 | 21-12-88 |
| E | 1258-745-746 | 262-8 & 53-55 | Camateepura 3rd Street and Bapty Road | Abdoola Husan Tyab ... | Water is used for building purpose. | 22-12-88 |
| B | 5362 | 60-64 | Surat Street... ... ... | Ranchord Shamji ... ... | Do. do. | 22-12-88 |
| B | 2372 | 490-492 | Nagdevi Road ... ... | Haji Esmail Jaffer ... ... | The house is demolished and water allowed to run to waste | 22-12-88 |
| B | 2834 | 39-47 & 81-9 | Nishanpada Road and 1st Chinch Bunder Row | Bhanji Megji Khoja ... | Water is allowed to be used in the adjoining house Ward No 2835. | 22-12-88 |
| B | 3820 | 202-214 | 1st Nowroji Hill Road ... | Wittoba Subanji Dhobi ... | Water is allowed to outsiders and run to waste | 22-12-88 |
| B | 2265 | 391-393 | Parel Road, Bhendy Bazaar | Ukabhai Dhondji ... ... | Water is used for building purpose | 22-12-88 |
| C | 4202 | 135-141 | Agiary Lane... ... ... | Vasudew Vishwanathjee ... | Service pipe is out of order ... | 19-12-88 |
| C | 2352 | 19-21 | Trinity Street ... ... | Manekbai, daughter of Manekjee Heerjee | Do. do. ... | 21-12-88 |
| G | 2454 to 2462 | 339 (1 to 8) | DeLisle Road ... ... | W. L. Nicker, Superintendent of New Works, B. B. & C. I. R. | One inch private meter at Parel Stores is out of order | 18-12-88 |
| G | 5113 (1-2) | 441-441A | Lady Jamsetji Road ... | Baba Hajimia Kaval ... | Bibcock is out of order ... | 18-12-88 |
| G | 2415 (1-2) | 5 & 5A | DeLisle Road ... ... | Ramjee Madhowji ... ... | Service pipe is out of order ... | 18-12-88 |
| G | 2412 (1 to 4) | 2-2A 2B 2 C & 200 | Curry Road ... ... ... | Sumbhajee Mulloojee ... | Bibcock is out of order ... | 18-12-88 |

No. $\frac{W}{4806}$ of 1888-89.

Forwarded to the Municipal Commissioner.
*26th December* 1888.

S. TOMLINSON, C. E.,
Deputy Executive Engineer, in charge Water Works.

*Resolved* : "That, as applied for by the Municipal Commissioner in his memorandum No. 17154, dated 19th instant, sanction be given to the cutting off of water connections as per list."

*Resolved* : That the Progress Reports up to the end of October 1888 of new works now in course of construction be *recorded.**

No. 5552.

The following was laid on the Table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 23rd December 1888.†

Considered and *recorded* memorandum No. 17264, dated 21st instant, from the Municipal Commissioner, forwarding, as required by Section 364 of the Municipal Act III. of 1888, return of fires in the city of Bombay :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1888. | | | | Rs. | |
| 30th Nov. | Grant Road .. | A weather shade of bamboo matting in a house, and the fire was immediately put out by the sepoy on post at the house and some townspeople. | Gulbai .... | 10 | Not known. |
| 11th Dec. | Kalbadevie Road. | A fire broke out in the room of one Askarali, containing silk and cotton pagaries. | Balgovind Hargovind. | 203 | Not known. |
| 12th Dec. | Lady Jamsetji Road. | Hut..... | Mr. DeSilva | 200 | Smoking. |
| 15th Dec. | Dharavi,..... | Hut..... | Not given. | 165 | By carelessness when cooking. |
| 19th Dec. | Shaik Memon Street. | Third floor and druggist's stores belonging to Hurji Mulji & Co. | Mr. Ratanji Virji. | 4,000 | Unknown. |
| 21st Dec. | Worli ..... | Hut..... | Not given. | 10 | By careless cooking. |

BOMBAY, *2nd January* 1889.

At the regular meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR, YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON. MR. RAHIMTULA MAHOMED SAYANI, M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

The DEPUTY EXECUTIVE ENGINEER, Water Works; the ASSESSOR AND COLLECTOR OF MUNICIPAL RATES AND TAXES; and the ACTING MUNICIPAL SECRETARY.

The minutes of the meeting held on the 26th ultimo, were signed.

* *See* Appendix C. † *See* Appendix B.

*Ordered:* That the following be laid on the table :—

No. 5576. Letter, dated 22nd December 1888, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements of each week for November last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts.

No. 5577. In accordance with notice, Javerilal Umiashankar Yajnik, Esq., moved that the Committee consider and adopt the following proposition :—

" That in connection with the Schedule of officers and servants of the Municipality, now in course of preparation by the Municipal Commissioner, in conformity with Section 79, clause 1, of the Bombay Municipal Act, the Standing Committee request that statistical information under some such form as that given below, concerning the strength of each of the Municipal Departments be furnished under a separate head such as part II of the Schedule."

| Department in which employed. | Names of Employés (to be arranged by classes or races). | Official designation. | Nature of duties * | Present Pay | | Educational qualification. | Commencement of service. | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Salary. | Travelling allowance. | | Date | Pay | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

This motion was seconded by Cowasjee Hormusjee, Esq., and *carried.*

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 30th December 1888.†

Before the meeting was adjourned, Sir Henry Morland informed the Committee that Sir John Fowler, K.C.M.G., the eminent Civil Engineer was in Bombay, and he suggested the advisability of consulting him with regard to the condition of the Malabar Hill and John Hay Grant Reservoirs. Sir Henry added that it would be better if Mr. Ollivant was first spoken to on the matter, and if he approved of the suggestion he would propose, at the next meeting of the Corporation, that all the papers in con-

* Column 4 was added on the motion of the mover during discussion.

† *See* Appendix B.

nection with both Reservoirs should be laid before Sir John Fowler and consult with him regarding the condition of the Reservoirs, and the steps most desirable for the Corporation to take in the matter. The Committee approved of Sir Henry Morland's suggestion.

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BOMBAY, 9*th January* 1889.

AT the meeting of the Standing Committee held this day, there were present :

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RAO SAHEB VISHVANATH NARAYAN MANDLIK, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London); SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Municipal Commissioner; the HEALTH OFFICER; the DEPUTY EXECUTIVE ENIGNEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 2nd instant were signed.

The seal of the Corporation was affixed to 444 bonds, Nos. 1 to 444, both inclusive, of the value of Rs. 2,22,000, of the Bombay Municipal loan, for drainage and water works, markets and roads.

Proposed by the Chairman, seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5619. "That, as applied for by the Municipal Commissioner, in his letter No. 17290, dated 22nd instant, sanction be given to the acceptance of the tender of Messrs. Bhau Raghunath and Ratansi Premji, for the supply of grain during the year 1889-90, at the following rates per 1,000 lbs. :—

Urid, Rs. 39; Gram, Rs. 37; Bran, Rs. 27-8; Rice, Rs. 41; Matra, Rs. 26; Oil-cake, Rs. 49; and Salt, Rs. 43.

"That as these rates will cause a further excess of Rs. 2 per pair of bullocks, the Corporation be recommended to sanction an additional sum of Rs. 23,592, *viz.*, Rs. 17,376 in Section II., Labour, including feed of cattle, Conservancy

Branch, Health Department; Rs. 5,112 in Section X., Labour, including feed of cattle, Halalkhor Branch; and Rs. 1,104 in Section V., meat carriage, Market Budget."

*Carried.*

Proposed by Raghunath Narayan Khote, Esq., seconded by Surgeon-Major Waters—

No. 5620. "That, as applied for by the Municipal Commissioner, in his memorandum No. 17262, dated 21st ultimo, sanction be given to transfers being made from time to time from one invested fund to another in the manner prescribed by Section 122 (2) of the Municipal Act, each such transfer being reported to the Standing Committee at their next meeting thereafter."

*Carried.*

Proposed by Colonel Merewether, seconded by the Chairman—

No. 5621. "That, as applied for by the Commissioner, the Corporation be recommended to sanction the payment of advances from surplus balances to the amount of Rs. 20,000, to provide for the cost of constructing the additional catch-water channels at Tulsi, sanctioned by the Corporation on 7th instant, the advances to be adjusted by debit to loan charges as soon as the necessary sanction to the raising of the loan is received from the Government of India."

*Carried.*

On the application of the Commissioner, the consideration of items 5, 6 and 7 on the agenda paper (proposed demolition of buildings in Shepherd, Sevri and Dadar Roads), was postponed.

The consideration of the Progress Reports of the Tansa Works up to the end of November last, forwarded with the Commissioner's memorandum No. 17501, dated 4th instant, was also deferred.

The Commissioner asked the Committee to prescribe the special rates to be charged for water under Section 169 of the Municipal Act, during the year 1889-90.

After discussion, it was agreed to postpone the consideration of the Commissioner's proposals until next week.

On the application of the Commissioner, sanction was given to the severing of Water Connections
No. 5623. under Section 279 of Act III of 1888 (Bombay Municipal Act), as follows :—

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| G. | 5113 (1 & 2) | 441 & 441A | Lady Jamsetjee Road ... ... | Baba Hajimia Keval ... ... | Bibcock is out of order ... ... ... ... | 18-12-88. |
| G. | 2415 (1 & 2) | 5 & 5A | DeLisle Road ... ... ... | Ramjee Madhowjee ... ... | Service pipe is out of order ... ... ... | 18-12-88. |
| G. | 2412 (1—4) | 2, 2A, 2B, 2C & 200 | Curry Road ... ... ... | Sumbhajee Mullоojee ... ... | Bibcock is out of order ... ... ... ... | 18-12-88. |
| B. | 1811 | 81-83 | DeSouza Street ... ... | Ratansee Mooljee ... ... | Stopcock is out of order, and also require a new stopcock box on the road. | 17-12-88. |
| B. | 1810 | 77-79 | Do. ... ... ... | Dongarsee Gangjee ... ... | Stopcock is out of order, and require a lid over the stopcock box on the road. | 17-12-88. |
| C. | 3671 | 35 | 2nd Portuguese Lane ... ... | L. C. Pinto ... ... ... | Service pipe is out of order ... ... ... | 17-12-88. |
| C. | 7417 | 186-188 | Duncan Road ... ... ... | Josee Pragjee Dhunjee ... | Do. do. ... ... ... | 29-12-88. |
| B. | 3251 | 34-38 | Nishancha Pada Cross Lane ... | Tatia Jalaji Teli, present Owner Purdhan Gangjee. | Water is used for building purpose ... ... | 8-1-89. |
| B. | 4097 | 32-34 | Nowrojee Hill Road, North ... | Ganoo Kondajee, present owner Peer Mahomed Dewji. | Do. do. ... ... | 8-1-89. |
| B. | 2047 | 305-319 | Musjid Bunder Road ... ... | A. M. Dharamsi ... ... | Water is allowed to be used by the outsiders from the tap which is placed between house gully. | 8-1-89. |
| D. | 3440-41 | 17 and 19 | Altamont Road ... ... | Kureemjee Allybhoy ... ... | Require to put up three tanks, containing 400 gallons each for storage, as water is supplied for certain hours only. | 6-12-88. |
| D. | 3746 | 131-143 | Tardeo Road ... ... ... | Dadabhoy Nowrojee ... ... | Stop-cock and service pipe are out of order ... | 9-12-88. |
| D. | 3539 | 4 | Warden Road ... ... ... | Executive Engineer, Bombay Defences. | Service pipe is out of order ... ... ... | 11-12 88. |
| D. | 246-247 | 690-692 | Girgaum Road ... ... ... | Executive Engineer, Presidency. | Stop-cock and service pipe of the cattle pond are out of order. | 16-12-88. |
| D. | 3175 | 113-115 | Ridge Road ... ... ... | Adamjee Peerbhoy ... ... | Require a ballcock to the service pipe in the cistern. | 24-12-88. |

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| G. | 1781 | 779 | DeLisle Road .. ... ... | Mulchund Ruttonsee ... .. | Requires a new wooden box over the meter ... | 3-1-89. |
| G. | 1891 | 867 | Do. ... ... ... | Pattan Faiskhan Nathookhan, or the present owner. | Bibcock and the service pipe are out of order... | 4-1-89. |
| B. | 3435 | 8-10-7-11 | Jail Road, South ... ... | Rackmajee Vittoo ... ... | Service pipe is broken ... ... ... ... | 5-1-89. |
| C. | 4156 | 10 | 2nd Assembly Lane ... ... | Sewdass Tulsidass ... ... | Service pipe and stop-cock are out of order ... | 5-1-89. |
| C. | 7540 | 226-228 | Bhandari Street ... ... | Allybhoy Hoosenbhoy ... | Stop-cock is out of order ... ... ... | 5-1-89. |
| C. | 7682 | 268 | Kumbharwada ... ... | Aba Hason ... ... ... | Stop-cock and the service pipe are out of order. | 5-1-89. |
| F. | 184 | 130-134 | Suparcebaug Road ... ... | Khutree Usman Ahmed Buckhai. | Service pipe is out of order ... ... ... | 4-1-89. |
| F. | 200 | 184-94 | Do. ... ... | Cassinath Withoba ... ... | Do. do. ... ... ... | 4-1-89. |
| F. | 1734 | 428 | Dhaklee Sewree ... ... | Dhunji Mowji, Mucadum ... | Meter box requires repairs ... ... ... | 4-1-89. |
| F. | Tukia | Station. | Kurla ... ... ... ... | Resident Engineer, G. I. P. Railway. | Meter is out of order ... ... ... ... | 4-1-89. |
| F. | 2729 | 1423 | Parel Village ... ... ... | Executive Engineer, Presidency. | Do. do. ... ... ... ... | 4-1-89. |
| F. | 6423 | 3664 | Sion Road ... ... ... | F. Rowland ... ... ... | Meter box requires repairs ... ... ... | 4-1-89. |

*Resolved*: "That the consideration of the following, which has been referred to the Commissioner for remarks, be postponed :—Letter from Mr. Navroji Beiramji Suntook, dated 29th December 1888, forwarding copies of correspondence between himself and the Commissioner, regarding the widening of the northern end of Wellington Street, and requesting that the improvement may be effected."

N.o 5624.

*Resolved* : "That sanction be given to the charging of Rs. 17-4-0 per month, from 5th December 1888, for special halalkhore service to the camp near the Cooperage, occupied by the 3rd Squadron Bombay Light Cavalry."

No. 5625.

Proposed by Surgeon-Major Waters, seconded by Rao Saheb Vishvanath Narayen Mandlik—

"That, as applied for by the Commissioner, in his letter No. 17626, dated 7th instant, sanction be given to the acceptance of the tender of Mr. Sitaram Lakshman, the lowest of the two tenders received for the construction of a night-soil depôt at the south end of DeLisle Road, at rates aggregating Rs. 6,033, including 10 per cent. contingencies.

No. 5626.

"That sanction be also given to the transfer of Rs. 421 from savings in Section 3, Surveyors and Draftsmen, Engineer's Budget, to meet the excess on the grant for the construction of the above depôt."

*Carried.*

It was agreed that the consideration of the following, which has been referred to the Commissioner for remarks, be postponed :—Letter from Mr. John Campbell, F.R.I.B.A. & M.S.A., dated 5th instant, forwarding tracings of plan and sections of private market in Moogbhat Lane, which Messrs. Runchordass Hurjeevandass, Bhanjee Morarjee and others propose to erect.

Proposed by Raghunath Narayan Khote, Esq., seconded by Rao Saheb Vishvanath Narayan Mandlik, that the following be *recorded* :—

No. 5628.

Memorandum from the Municipal Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan Deposit Account No. 1, to the Municipal General Fund Pass Book, on 3rd instant.

*Carried.*

Read letter No. 17722, dated this day, from the Commissioner, to the Municipal Secretary:—

Sir,—I have been surprised to find from the Outstanding List of Business, that there is a resolution of the Standing Committee awaiting a reply from me on the subject of the garden on Malabar Hill, near the Reservoir. My recollection of what I had seen in the newspapers was that Major Selby had asked a question on this subject, but that when the Acting Commissioner had expressed an opinion that it would be better to let the matter stand over until my return, Major Selby had agreed to let this question stand over. I now see that I was mistaken in this impression, and merely refer to it, because I am sorry that there should have been even a month's delay in dealing with such a very simple matter. In 1885, on the recommendation of the Executive Engineer, a large staff of labourers was engaged for keeping the new filter-beds in order. I found that owing to the arrangements for supplying water to the city there were many hours during which the labour of these men could not be employed on the filter-beds, and as there was no object in paying them for being idle, whilst at the same time their services could not be dispensed with, I directed that they should be employed in laying out the crown of the hill as a garden. I gave a great deal of my personal time and attention to the work, and was ably seconded by Mr. Walton. I also received occasional assistance from the Superintendent of the Victoria Gardens. I obtained some young trees and plants from the Victoria Gardens, some were given by myself, and some by my personal friends. The idea of having a garden on the face of the hill, which was then in a very unsightly condition, had often been mentioned with approval both in the Town Council meetings and elsewhere, and I thought it would be an excellent thing to make an experimental beginning on the occasion that this presented itself, to show on a small scale what was contemplated. It was, moreover, absolutely necessary that something should be done to remove the disfigurement caused by the accumulation of earth and *debris* from the reservoir works. For the construction of the path at the side of the road (which was shifted in connection with the reservoir alterations), for rustic railings, water pipes, gravel, and other similar petty items, I sanctioned at various times in 1885 and 1886 various sums aggregating Rs. 1,620,* to be debited either to reservoir works contingencies or to my discretional allowance as might best be done. In my Administration Report for 1885-86 (para. 45, copy of which is attached for ready reference), I alluded to the beginning which had been made, and am only sorry that there should have been such unlooked for delay in completing the garden and promenade, as then intended, above, and on the banks of the reservoir. I also hope that what has been done may in some degree lead to encourage and facilitate the execution of my former project of continuing the garden and walks down the face of the hill, so that there may indeed be what I now for the first time hear styled "hanging gardens." Except as mentioned above, there was, as far as I am aware, no expenditure of municipal time or money up to the date of my leaving for England. A sum of Rs. 495 was subsequently sanctioned by the Acting Muni-

* I find that the expenditure was finally debited as follows:—Reservoir contingencies, Rs. 700; Commissioner's discretional allowances, Rs. 920.

cipal Commissioner for the purchase of water-hose now used in the garden, and in the budget for 1888-89 provision was made for the small special establishment, which is now entertained at a cost of Rs. 39 per mensem. So far I have supplied an answer to the first three questions asked by the Standing Committee. With regard to the remaining three questions, I can only say that until now, there has never been any allegation that I have encroached on land which is the property of Government, and certainly no demand has ever been made for payment. Possibly the member at whose instance the question was asked being a Government official, may have reasons for the suggestion which have not been communicated to me; but apart from this suggestion, the only reference which has reached me on the subject is a recent one from the Collector of Bombay, to which I have replied within the last few days. I attach copies of the Collector's letter and of my reply thereto.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner.

On the motion of Rao Saheb Vishvanath Narayen Mandlik, seconded by Sir Henry Morland, it was—

*Resolved*: "That in the opinion of the Standing Committee, the explanation by the Municipal Commissioner regarding the Malabar Hill garden is satisfactory. That his letter of this day be *recorded*."

No. 5629.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That sanction be given to the payment of the minimum salary of the Municipal Secretary to Mr. Bennett, during the time he acted in that appointment from 20th December last to 4th instant, both days inclusive, and to the transfer of Rs. 361-4-8, from Section II., Personal Establishment, Municipal Commissioner's Budget (Rs. 154-13-5) and from Section I., Establishment, Fire Brigade Budget, Rs. 206-7-3), to Section I., Secretary, Town Council, Town Council and Corporation Establishment Budget, to meet the minimum pay of the appointment of Secretary, as above."

No. 5630.

*Carried.*

The following was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 6th January 1889.*

Read and *recorded* memorandum No. 17627, dated 7th instant, from the Municipal Commissioner, forwarding

* *See* Appendix B.

return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature o Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1888 Dec. 25 | Mazagon .. | Some cases of Kerosine Oil. | Messrs. Volkart Brothers. | Rs. 10,000 | Not known. |
| | | Two Port Trust Godowns, some planks and bags of China tamarind. | Port Trust. | Rs. 10,000 | |
| ,, 27 | Dhobitalao .. | A fire broke out in a store room of the Framjee Kavasjee Institute among some old waste paper. | .... | Not known. | Is attributed to the bursting of a small sulphuric acid bottle. |
| ,, 29 | Jackaria Bandar. | A jaoli hut belonging to a wheelwright and carts and other goods. | .... | Rs. 832 | Is supposed to have been caused by a spark from a fire catching some loose straw lying close by. |

No. 5631. The seal of the Corporation was affixed to deed of conveyance from the Municipal Corporation to Mahomed Dossa, of a plot of land on the Ripon Road.

No. 5632. The Commissioner said that, with reference to the site of the Buleshwar Market for the acquisition of which proceedings were now being taken before the Collector, it had been suggested to him that possibly the cost of the land might considerably exceed the amount mentioned in the estimate laid before the Corporation ; and this being so, he wanted clearly to know what his position was, he not having been present at any meeting on the subject ? Whether the Corporation meant that the land was to be acquired at any price or that only a specified sum should be expended. Of course, it rested entirely with the Collector to fix the price, and the Commissioner understood that the rates now claimed differed very considerably from the values returned for assessment purposes on which the estimate had been based.

It was intimated in conversation, that although the Standing Committee could not pass any resolution to interpret the intention of the Corporation, the opinion of the Councillors present was that the Corporation intended the site to be acquired with or without regard to the accuracy of the estimate for land.

BOMBAY, 16*th January* 1889.

AT the meeting of the Standing Committee held this day, there were present:—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

On the motion of Cowasjee Hormusjee, Esq., seconded by Sir Henry Morland, Colonel G. L. C. Merewether was voted to the chair.

The minutes of the meeting held on the 9th instant, were signed.

A note was received from Mr. Dosabhai Framji, stating that he will be unable to attend the meetings for six weeks on account of absence from Bombay for the benefit of his health.

The seal of the Corporation was affixed to 330 debentures of the Tansa Water Works Loan, namely, 100 debentures of the value of Rs. 5,000 each, Nos. 11001 to 12000, both inclusive; 30 ditto of Rs. 10,000 each, Nos. 12001 to 12600, both inclusive; 200 ditto of 1,000 each, Nos. 12601 to 13000, both inclusive, of the aggregate value of Rs. 10,00,000.

The seal of the Corporation was affixed to deed of conveyance No. 5702, from Khan Bahadur Jamsetjee Dhanjibhai Wadia, of ground taken up for the improvement line of Ghoga Street.

Considered memorandum No. 18030, dated 16th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 1162B, dated 19th December 1888, as follows:—

SIR,—As no reply to your notice No. 192 of 5th ultimo, under Section 351 of the City of Bombay Municipal Act, 1888, has been received by this Department, it is presumed that Mr. Roche on whom the same was served has not yet shown sufficient cause why the premises built at Shepherd Road without permission should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee to the removal

of the building. In the absence of plans it is not known to be in contravention of any other provision of the Municipal Act than that requiring application for permission to build.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer, Municipality.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

No. 5703. "That, as applied for by the Municipal Commissioner, in his memorandum No. 18030, dated 16th instant, sanction be given to the demolition of building built at Shepherd Road by Mr. Roche."

*Carried.*

Considered memorandum No. 18031, dated 16th instant, from the Municipal Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 11611 B, dated 18th December 1888, as follows:—

SIR,—As no reply to your notice No. 231 of the 9th ultimo, under Section 351 of the City of Bombay Municipal Act, 1888, has been received by this Department, it is presumed that Mr. Bhimji Harriram on whom the same was served has not yet shown sufficient cause why his bungalow built at Sevri Road *without* permission should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee to the removal of the bungalow. In the absence of plans it is not known to be in contravention of any provision of the Municipal Act than that requiring application for permission to build.—I have, &c., JAMES W. SMITH, C.E., Acting Executive Engineer, Municipality.

Proposed by Colonel Merewether, seconded by Captain Sir Henry Morland—

No. 5704. "That, as applied for by the Municipal Commissioner in his memorandum No. 18031, dated 16th instant, sanction be given to the demolition of bungalow built at Sewri Road, the property of Mr. Bhimji Hariram."

*Carried.*

Considered memorandum No. 18032, dated 16th instant, from the Municipal Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 11368B, dated 13th December 1888, as follows:—

SIR,—As no reply to your notice No. 218 of the 6th ultimo, under Section 351 of the City of Bombay Municipal Act, 1888, has been

received by this Department, it is presumed that Mr. Madhavdas Gokuldas on whom the same was served has not yet shown sufficient cause why his shed built at Dadar Road without permission should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee for removal of the shed. In the absence of plans it is not known to be in contravention of any other provision of the Act than that requiring application for permission to build.—I have, &c., JAMES W. SMITH, Acting Executive Engineer, Municipality.

Proposed by Colonel Merewether, seconded by Sir Henry Morland, Kt.—

No. 5705. "That, as applied for by the Municipal Commissioner in his memorandum No. 18032, dated 16th instant, sanction be given to the demolition of shed built at Dadar Road, the property of Mr. Madhavdas Gokuldas."

*Carried.*

No. 5706. *Resolved:* "That Progress Report of the Tansa Works up to the end of November 1888, forwarded with the Commissioner's memorandum No. 17501, dated 4th instant, be printed on the minutes of this day's meeting and considered at the next meeting."

No. 1251 OF 1888-89.

BOMBAY, 31*st December* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honor to forward herewith, accompanied by three statements, progress report of the Tansa Works up to the end of November 1888.

The progress diagrams have been brought up to same date and replaced in the Committee Room.—I have, &c.,

W. CLERKE, C.E.,
Executive Engineer, Tansa Water Works.

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No. 17501 OF 1888-89.

BOMBAY, 4*th January* 1889.

Forwarded to the Standing Committee for information.

E. C. K. OLLIVANT,
Municipal Commissioner.

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PROGRESS REPORT UP TO THE END OF NOVEMBER 1888.

*Tansa Dam.*—During the month the outturn of masonry was 157,000 cubic feet, making the total quantity executed from the

commencement of the work 2,915,000 cubic feet. Excavations were in progress at several points along the line of foundations. Some new quarries have been opened and additional lines of tramway laid for bringing the material to the works. The daily average number of workpeople employed during the month was 4,221 and of carts 438. There was a good deal of sickness on the work, consisting principally of cases of fever. There were 5 deaths during the month from various causes.

*Duct.*—Work had been opened at various points along the line, and the contractors, Messrs. W. L. Mitchell & Co. appear to be exerting themselves to obtain a good outturn of work this season. But they have considerable difficulties to contend against, not the least of which is the unhealthiness of the districts through which the works pass. Tunnelling has been getting on fairly well. Machine driving is in progress at both north and south faces of tunnel No. 2. Machine driving is in progress at south face of tunnel No. 7, and the machinery for the north face of that tunnel has been erected and is ready for work. Arrangements for the erection of machinery at the north face of tunnel No. 4 are in progress.

Good progress has been made with the bridges across the Bassein Creek. Bridge No. 3 is practically completed. Bridge No. 1 is very nearly so, and more than half the columns for bridge No. 2 have been got down to full depth. The daily average number of people employed on the duct works during the month was 3,300. Fever is very prevalent along the whole line of the works.

*Cast-iron Pipes.*—At the close of last season's operations 25,300 tons of pipes had been delivered at Kasheli and Bombay. No deliveries of this season's consignments have yet taken place, but the S.S. "Falls of Inversnaid" bringing about 2,000 tons of pipes has arrived in harbour and is just commencing delivery.

STATEMENT showing progress made with the mansonry work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of Masonry executed. | Quantity remaining (approximate). |
|---|---|---|---|
| | | C. ft. | |
| State of work at opening of season 1888-89..... | 347 | 2,708,000 | 7,585,100 c. ft. |
| Work done in October and November 1888..... | 350 | 206,900 | |
| Total..... | | 2,915,000 | |

STATEMENT showing progress of work on the principal items of the Tansa Duct—Season 1888-89.

| ITEMS. | TOTAL PROGRESS UP TO | | |
|---|---|---|---|
| | 31st May 1888. | 30th November 1888. | |
| Excavation for conduit ..... c.ft. | 5,350,000 | 6,240,000 | |
| Masonry in conduit..... „ | 407,134 | 416,600 | |
| Tunnelling ..... l. ft. | 2,500 | 4,300 | *See* details. |
| Excavation on pipe track..... c.ft. | 2,818,000 | 2,914,000 | |
| Embankment „ „ ..... „ | 5,394,000 | 5,570,000 | |
| Tramway laid ..... l. yds. | 11,024 | 13,380 | |
| Erecting Bassein Creek bridges. tons | 550 | 1,050 | |

## TANSA DUCT.

DETAIL of progress made in tunnels up to the 30th November 1888.

| Number of tunnel. | Progress made. | | | Remaining to be done (approximate). | Remarks. |
|---|---|---|---|---|---|
| | North face. | South face. | Total. | | |
| | Lineal feet. | Lineal feet. | Lineal feet. | Lineal feet. | |
| 1 | ..... | ..... | 232 | ..... | Driven through. |
| 1A | ..... | 197 | 197 | 331 | |
| 2 | 450 | 1,678 | 2,128 | 5,874 | |
| 3 | 175 | 149 | 324 | 741 | |
| 4 | 386 | 167 | 553 | 1,746 | |
| 5 | ..... | ..... | 619 | ..... | Driven through. |
| 6 | ..... | ..... | ..... | 740 | |
| 7 | 30 | 257 | 287 | 3,131 | |
| | | Total... | 4,340 | 12,563 | |

W. CLERKE, C.E.,
Executive Engineer, Tansa Water Works.

Proposed by Cowasjee Hormusjee, Esq., seconded by Captain Sir Henry Morland—

"I. That, under Section 169 of the Municipal Act, the Standing Committee record their approval of the following arrangements for compounded periodical payment, during the year 1889-90 as shewn below, in lieu of the Water Tax in case of certain properties, *viz.*:—

No. 5707.

*Religious and Charitable Institutions* (in which term will be included all buildings of the classes mentioned in the list sanctioned under Town Council Resolution No. 1178, dated 14th September 1887, except Dining Places and Jamatkhanas).

(*a*)—in cases in which the Water Works Engineer may certify that the consumption is so trifling that it will not be worth-while to affix a meter, a compounded sum of Rs. 5 per annum.

(*b*)—in all other cases, a meter to be fixed and maintained at the Municipal expense and a compounded sum to be levied quarterly in advance, such sum to be based on a three years' average consumption at an assumed rate of 4 annas per thousand gallons; and when information as to a three years' average is not available, such sum similarly calculated to be based on present actual consumption as soon as ascertained.

*Clubs.*—The present arrangements to be continued, *i e.*, meters to be fixed and maintained at the expense of the occupants, and the following compounded sums (payable quarterly in advance) to be levied per quarter :—

Bombay Club at Rs. 100; R. B. Yacht Club at Rs. 250; Byculla Club at Rs. 350; and Ripon Club at Rs. 15.

"II. That the present* system of charging for water supplied to houses with gardens, be continued.

* As described in Resolution No. 2469, 7th March 1888.

"III. That, in the case of milch cattle stables, gymkhanas and gardens, meters shall be fixed and maintained at the Municipal expense, and water supplied by measurement at the rate of 8 annas per thousand gallons.

"IV. That water supplied to any premises in respect of which Water Tax would be leviable from the Secretary of

State for India shall be charged for by measurement at the rate of 8 annas per thousand gallons, the cost of fixing and maintaining the meters being borne by Government: provided that all religious and charitable institutions under the control of Government shall pay the compounded sum prescribed above.

"V. That pending further decision, water supplied to Trustees of the Port be charged for as at present.

"VI. That water supplied for purposes other than domestic consumption in all cases not expressly provided for in this resolution be charged for by measurement at the rate of As. 12 per thousand gallons, in addition to the hire of meters. And where meters are not hired from the Municipality, the cost of fixing and maintaining them to be borne by the consumers.

"VII. That, under Section 276 of the Municipal Act, the scale of charges per annum for Municipal meters let on hire to consumers shall be for—

| Size. | | | Hire per annum. | |
|---|---|---|---|---|
| ½ inch | Siemen's | ⅜" Kennedy's | ... Rs. 4 | |
| ¾ " | " | ½" " | ... " 5 | |
| 1 " | " | ¾" " | ... " 6 | |
| 1¼ " | " | | ... " 7 | |
| 1½ " | " | | ... " 10 | As at present." |
| 2 " | " | | ... " 13 | |
| 3 " | " | | ... " 20 | |
| 4 " | " | | ... " 25 | |
| 5 " | " | | ... " 30 | |
| 6 " | " | | ... " 35 | |

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 5708. "That, as applied for by the Municipal Commissioner in his memorandum No. 18009, dated this day, sanction be given, under Section 279 of Act III of 1888, to the severance of water connections as under:—

*Contd.*

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| A | 2254 | 291 | Bora Bazar Street ... | Khimji Lakhmidass ... ... | Stopcock is out of order... ... ... ... ... | 7-1-89 |
| G | 49 (1 & 2) | 49 & 49A | Haines Road ... ... | W. L. Nicker, Superintendent, New Works, B. B. & C.I.Ry. | Service pipe requires to be cleaned to keep the meter clear of dirt and in working order ... ... ... | 11-1-89 |
| G | 1781 | 779 | DeLisle Road ... ... | Mulchund Ruttonsey ... ... | Box over the meter at his brick factory requires repairs ... ... ... ... ... ... ... | 10-1-89 |
| G | 6721 | 610 | Dharavi Road ... ... | Khutta Syed Mahomed ... | Box over the meter requires repairs ... ... ... | 11-1-89 |
| F | 530 | 163 | Dadur Road ... ... | Jahangir Dadabhoy ... ... | Stopcock is out of order... ... ... ... ... | 10-1-89 |
| F | 529 | 162 | Do. ... ... | Eabhai Tyabally ... ... | Service pipe is out of order ... ... ... ... | 10-1-89 |
| F | 535 | 168 | Do. ... ... | Sorabjee Dinsha Sopariwalla. | Bibcock is out of order ... ... ... ... ... | 11-1-89 |
| F | 524 | 157 | Do. ... ... | Mahomed Hajee Sherjee Durvesh | Do. do. ... ... ... ... ... | 10-1-89 |
| F | 498 | 131 | Do. ... ... | Manager of Musjid ... ... | Service pipe is out of order ... ... ... ... | 12-1-89 |
| F | 367 | 124 | Elphinstone Road ... | Hurry Darkuji... ... ... | Bibcock is out of order ... ... ... ... ... | 11-1-89 |
| F | 212 | 222—238 | Sooparibaug Road ... | Memon Hajee Abdool Hajee Kalakduna | Stopcock and bibcock are leaking ... ... ... | 12-1-89 |
| F | 210 | 4 | Do. ... | Fidiali Sultanali ... ... | Stopcock is out of order... ... ... ... .. | 12-1-89 |
| F | 168 | 126 | Do. ... | Manager of Musjid ... ... | Service pipe is out of order ... ... ... ... | 11-1-89 |
| F | 565—623 | 79—31 | Sooparibaug Road and Parel Road | Jamasjee Sheriadjee ... ... | Do. do. ... ... ... ... | 12-1-89 |
| F | 620 | 38 | Parel Road ... ... | Cowasjee Nowrojee Banajee ... | Do. do. ... ... ... ... | 12-1-89 |

Sanction was given to the charging of Rs. 17-4-0 per mensem from 28th December 1888, for special halalkhor service to the office of the Standard Life Assurance Company at Hornby Row.

No. 5709.

*Resolved*: "That the consideration of the following, which have been referred to the Municipal Commissioner for remarks, be postponed :—

"Further letter, dated 8th January 1889, from Mr. Sunwar Bajary, complaining of the nuisance caused by the overflow of cesspool erected at No. 26, Barek Gully, Girgaum Road, and asking that action may be taken in the matter.

"Letter from Mr. R. Jamshedjee Subedar, dated 8th January 1889, stating that a nuisance is caused to himself, family and neighbours by the manner in which the excavation for drainage in 3rd Marine Lane is being made, and praying that the work may be expedited."

*Resolved*: "That, as applied for by the Commissioner in his letter No. 17924, dated 15th instant, sanction be given to the transfer of Rs. 260 from Section III, B, Repairs to Roads, to Section III, A, Elphinstone Circle Garden Budget, to meet the cost of painting the railings round the gardens."

No. 5712.

Proposed by Muncherjee N. Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his letter No. 18004, dated 16th instant, sanction be given to the acceptance of the tender of Messrs. John Fleming & Co., for the supply of disinfectants during 1889-90, at the following rates:—

No. 5713.

Calvert's 15 per cent. carbolic acid powder, at Rs. 18-12-4 per cask of 200 lbs.

Sanitas powder, at Rs. 18-10-0 per cask of 200 lbs.

Calvert's carbolic acid fluid No. 5, at Rs. 3-4-6 per imperial gallon.

Little's soluble phenyle, at Rs. 4-4-0 per imperial gallon.

Calvert's cresal, at Rs. 2-12-0 per imperial gallon."

*Carried.*

Read memorandum No. 18033 of this day's date, from the Commissioner, forwarding letter No. 3053 of 15th idem, from the Chief Accountant, as follows:—

SIR,—In continuation of this Office Nos. 2980 and 3051, dated the 7th and 15th instant respectively, I have the honor to inform you that the total transfers from the Loan Funds to the Municipal Fund General Pass Book, including those to be affected during the current week, are likely to exceed the maximum sum fixed in the Standing

Committee's Resolution No. 4484 of 3rd October 1888 for such transfers to be made in each month, *viz.* :—5 lakhs. May I, therefore, request the favour of your obtaining the sanction of the above body to further transfers being made during the rest of the current month to the extent of, say, Rs. two to three lakhs.—I have, &c.,

(Sd.) SORABJI NAVAROJI COOPER.

On the motion of Colonel Merewether, seconded by Sir Henry Morland, it was—

No. 5714. *Resolved*: "That sanction be given to the transfer during the current month of rupees two lakhs to rupees three lakhs, as may be found necessary, from available Loan funds to the Municipal Fund account (in addition to the maximum amount of transfers in any one month sanctioned by the Standing Committee in their Resolution No. 4484 of 30th October 1888), to meet advances made from the Municipal Fund to the Tansa Water Works and other Loan accounts."

No. 5715. Read and *recorded* memorandum No. 18005, dated 16th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfers of Rs. 2,00,000, from the Tansa Loan Deposit Account No. 1, to the Municipal General Fund Pass Book, on 10th and 12th instant.

No. 5716. On the application of the Commissioner, sanction was given to the transfer of Rs. 350 from the Municipal Pension Fund account to the grant for Discretional contingencies to provide the pay at Rs. 175 per mensem, for two months, of a pensioned Municipal Inspector whilst temporarily employed in preparing measurements for assessment purposes of various properties of the Port Trust.*

The seal of the Corporation was affixed to deeds of contract :—

With Messrs. Geo. Smith & Co., for the supply of cast iron pipes, &c., for house connections, &c., for the Queen's Road and Girgaum district.

With Messrs. Geo. Smith & Co., for the supply of cast-iron and zinc ventilating shafts.

With Messrs. Ewart, Latham & Co., for the suppy of Portland cement.

* During the employment, the pensioner, Mr. Venkatrao Ramchandra, will draw no pensions.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 28th October 1888.*

Read and *recorded* memorandum No. 18002, dated 16th instant, from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889 Jan. 8 | Dongri Street. | A quantity of coir in a godown. | Morarji Jetha. | Rs. 10 | Attributed to carelessness. |

BOMBAY, 23*rd January* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; The HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

On the motion of Colonel Merewether, seconded by Muncherjee N. Banajee, Esq., the Hon'ble Mr. Rahimtula M. Sayani was voted to the chair.

The minutes of the meeting held on the 16th instant were signed.

The seal of the Corporation was affixed to 300 debentures of the Tansa Water Works Loan, namely, Nos. 13001 to 13600, both inclusive, of the aggregate value of rupees three lakhs.

*Resolved* : "That the following be *recorded*:—Memorandum from the Municipal Commissioner, reporting, with reference to the Standing Committee's Resolution Nos. 4484 and 5714, dated 3rd October 1888 and 16th January 1889, the transfer of Rs. 2,50,000, from the Tansa Loan Deposit Account No. 1, to the Municipal General Fund Pass Book, on 16th, 17th and 19th instant."

No. 5802.

*Resolved* : "That Progress Report of the Tansa Water Works up to the end of November 1888, forwarded with the Commissioner's memorandum No. 17501, dated 4th instant, be *recorded*."

No. 5803.

* *See* Appendix B.

*Resolved* : "That, as applied for by the Municipal Commissioner in his memorandum No. 18299A, dated 23rd instant, sanction be given, under Section 279 of Act III. of 1888, to the severance of water connections as under :—

No. 5804.

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| D | ..... | 89 | Tardeo Road... ... | ... Ebrahim Ruseekdass | ... Water is used for a boiler which is placed in the compound. | 18-1-89 |
| G | 51 | 7 | Mahim Bazaar Road | ... Bhugwandass Murlidhur | ... Water is used for a building purpose. | 18-1-89 |
| G | 3006 | 471 | Mahim Agar... ... | ... Bhasker Wassoodevjee | ... Water is allowed to outsiders ... | 18-1-89 |
| G | 5245 (1) | 128 | Mahim Custom Road | ... Nanu Narayen Khothare | ... Stopcock is out of order ... ... | 15-1-89 |
| G | 5242-43 | 136—1 & 2 | Do. | ... Abedin Kumrudin ... | ... Do. do. ... ... | 15-1-89 |
| G | 5211 | 84 to 86 | Mahim Bazaar Road | ... Jacoo Mahomed ... | ... Do. do. ... ... | 15-1-89 |
| G | 2129-2130 | 1125-1126 | Fergusson Road ... | ... Isac Alcock for Ashdown & Co. | Box over the meter require repairs. | 16-1-89 |
| B | 3426 | 9-25 | Jail Road South ... | ... Rahimtoola Ahmed ... | ... Service pipe and bibcock are leaking. | 18-1-89 |

*Resolved:* "That, as applied for by the Commissioner in his letter No. 18294, dated 23rd instant, sanction be given to the transfer of Rs. 8 from savings in Section I., Establishment, Fire Brigade Budget, to Section VIII., Purchase of Horses, same Budget, to meet excess on the transfer of Rs. 200, sanctioned by the Standing Committee in their Resolution No. 5103, dated 31st October 1888, as the commission charges due on 4 horses lately purchased by the Police Commissioner were estimated at Rs. 100, whereas the bill now submitted by Messrs. Stephens & Sons amounts to Rs. 108."

No. 5805.

The Commissioner read the following relating to the question of the Land Conveyance License Establishment :—

No. 7092 OF 1888.

JUDICIAL DEPARTMENT.

Bombay Castle, 29*th December* 1888.

FROM J. J. HEATON, ESQ.,
Acting Under-Secretary to Government, Bombay,

TO THE MUNICIPAL COMMISSIONER,
Bombay.

SIR,—I am directed to acknowledge the receipt of your letter No. 14347, dated 8th November 1888, and in reply to forward a copy of a statement furnished by the Police Commissioner showing the actual charges incurred in working the Conveyance Act during the last three years, and to write the favour of your attention to the Budget estimate of expense as framed by the Police Commissioner.

2. The special allowance to the Deputy Commissioner, three Inspectors of Police and the Head Clerk to the Commissioner have hitherto been defrayed out of the fees recovered under the Conveyance Act, and I am to invite the consideration of the Corporation to the desirability of continuing these allowances. The additional work thrown on their recipients is considerable, and, in the opinion of the Governor in Council, deserving of suitable recompense. Such recompense manifestly could not be a charge against general revenues, and its discontinuance would throw on to hard worked servants of Government, a considerable mass of unremunerated labour, which is not performed on behalf of the State. In the opinion of the Governor in Council, the most suitable arrangement would be that the Corporation should make to Government an annual grant of amount of these special allowances, on the condition that they are bestowed as at present.—I have, &c., J. J. HEATON, Acting Under-Secretary to Government.

STATEMENT showing the actual expenditure for the last three years of the Public Land Conveyance Licensing Department giving separately the allowances drawn by the Deputy Commissioner, Inspectors and Head Clerk.

| | 1885-86. | 1886-87. | 1887-88. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| I.—*Establishment* ... ... ... | 1,535 1 7 | 1,584 0 0 | 1,694 15 6 |
| II.—*Allowances*— | | | |
| 1 Deputy Commissioner, Rs. 75 per month ... ... ... | 900 0 0 | 900 0 0 | 900 0 0 |
| 3 Inspectors, Rs. 40 per month each ... ... ... ... | 1,440 0 0 | 1,440 0 0 | 1,440 0 0 |
| 1 Police Commissioner's Head Clerk, Rs. 25 a month... ... | 300 0 0 | 300 0 0 | 300 0 0 |
| | 2,640 0 0 | 2,640 0 0 | 2,640 0 0 |
| III.—*Supplies and Services* ... ... | 3,511 15 3 | 5,122 11 3 | 3,576 2 9 |
| IV.—*Contingencies* ... ... ... | 1,292 3 3 | 1,180 2 0 | 1,424 0 4 |
| Grand Total... ... | 8,979 4 1 | 10,526 13 3 | 9,335 2 7 |

Bombay,
28*th November* 1888.

W. H. WILSON, Col.,
Commissioner of Police.

No. 5806. *Resolved*: "That the Corporation be recommended to sanction the grant for Land Conveyance License Establishment and Contingencies at Rs. 10,000 instead of Rs. 5,000 as originally entered in detailed statement No. 6 (Assessment and Collection Department) of the Budget for 1889-90.

"The Standing Committee, whilst recommending this grant, concur in the opinion that with the change now introduced in the law, the various items of expenditure may be re-arranged with a regard to secure more efficient supervision over unlicensed conveyances."

The next item on the agenda paper was a letter from Major H. O. Selby, R.E., dated 15th instant, on the subject of the Malabar Hill Garden, which was published in the *Times of India* of 18th idem.

In reply to a question, the Municipal Secretary informed the Committee that the letter was received by him for distribution on the 17th and was not sent to any newspaper from the Municipal Office for publication, either by order of the Chairman or otherwise.

"*Resolved:* That with reference to the letter from Major H. O. Selby, R.E., to the Chairman, dated 15th instant, submitting certain remarks on the subject of the Malabar Hill Garden, the Standing Committee see no reason to change the opinion expressed in their Resolution No. 5629, dated 9th instant. Further, the Committee are of opinion that it is undesirable that letters from members addressed to the Chairman should be communicated to the public press until the Committee have had an opportunity of considering the same." No. 5807.

The consideration of letter from Mr. J. Accacio da Gama, L.M.,K.C.J.C., dated 21st instant, forwarding petition on behalf of the Bombay Eye and Ear Infirmary for a Municipal grant-in-aid of the institution ; and of notice of motion relating thereto from Mr. Cowasjee Hormusjee, was postponed until next meeting.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 22nd January 1889.*

Read and *recorded* memorandum from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889 Jan. 13 | Nagdevi St. | A portion of the roof of a house. | Haji Karim Deena Haji Yacoob. | Rs. 350. | Not known. |
| „ 18 | Victoria Bandar. | A quantity of cotton caught fire in the New Prince of Wales Cotton Press. | .... | „ 300. | Attributed to friction. |

*Ordered:* "That the Health Officer's Report for the 3rd quarter of 1888, forwarded under the Commissioner's memorandum No. 18227, dated 22nd instant, be circulated." No. 5808.

The seal of the Corporation was affixed to deed of contract—

With Messrs. Haroon Casum & Co., for the supply of clothing to the Municipal peons.

With Messrs. Richardson & Cruddas, for the supply of stoneware pipes, &c., for the Queen's Road and Girgam drainage district.

* *See* Appendix B.

No. 5811. On the recommendation of the Commissioner, it was agreed that the rate of Rs. 30 per yard for 20·89 yards, or thereabout, of ground at Nos. 147-151, Kazi Syed Street, taken up for street improvement thereat, from Messrs. Dwarkadas Damodher and Cursondas Natha, under the late Town Council's Resolution No. 19, dated 4th April 1887, be increased to Rs. 50 per yard.

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BOMBAY, 30*th January* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

On the motion of Colonel Merewether, seconded by Nanabhoy B. Jeejeebhoy, Esq., the Hon'ble Mr. Rahimtula M. Sayani was voted to the chair.

The minutes of the meeting held on the 23rd instant, were signed.

The seal of the Corporation was affixed to 300 debentures of the Bombay Municipal Tansa Water Works Loan, namely, Nos. 13601 to 13900, both inclusive, of the aggregate value of Rs. 1,50,000.

The seal was affixed to lease from Pirozbai, widow of Dhunjeebhoy Dossabhoy Mama, of stables, &c., situated at New Foras Road for Health Department, D ward.

Also to deeds of conveyance—

From Mr. Karamalli Surji, of ground taken up for the improvement line of Nishanpada Road.

From Mr. Khutri Sallay Mahomed Hajee Oomer, of ground taken up for the improvement line of Khetwadi 10th Lane.

From Cassumbhai Moosa, Manager for His Highness Aga Sultan Mahomed Shah, of ground taken up for the improvement line of Nesbit Road.

From Mr. Munroof Vellaji, of ground taken up for the improvement line of Doctor Street (Shekh Abdool Doctor Street).

From Messrs. Bapu Hason Momin Parve and Esmail Hason Momin Parve, of ground taken up for the improvement line of Hussen Khan Khalifa Street. (The Executive Engineer, in his letter No. 13024 B, dated 28th January 1889, to the Municipal Commissioner, states that Messrs. Bapu Hason Momin Parve and Esmail Hason Momin Parve are the proper persons to receive compensation in this case, not Messrs. Bapu Hussein and Esmail Hussein, in whose name sanction to the taking up of the ground was given by the Town Council, in their Resolution No. 335, dated 18th May 1887.)

From Haji Hasam Karim, of ground taken up for the improvement line of Sarang Street. (The Executive Engineer, in his letter No. 13021, dated 28th January 1889, to the Municipal Commissioner, states that 6·39 square yards of ground only were taken up in this case, being ·47 square yards less than the area, 6·86 square yards, sanctioned by the Council, on the 14th November 1888.)

From Hajee Junus Hajee Essak Batchu, of ground taken up for the improvement line at the Junction of Dhobi Street and Memonwada Cross Lane. (The Executive Engineer, in his letter No. 13022, dated 28th January 1889, to the Municipal Commissioner, states that 36·02 square yards of ground only were taken up in this case, being 4·27 square yards less than the area, 40·29 square yards, sanctioned by the Council, on the 7th November 1888.)

From Mr. Cassumbhai Moosa, Manager for His Highness Aga Sultan Mahomed Shah bin Aga Ali Shah Agakhan, of ground taken up for the improvement line of Tandel Street. (The Executive Engineer, in his letter No. 13020, dated 28th January 1889, to the Municipal Commissioner, states that 5·29 square yards of ground only were taken up in this case, being ·04 square yard less than the area, 5·33 square yards, sanctioned by the Council, on the 27th June 1888.)

*Resolved* : "That the following be *recorded* :—Memorandum No. 18511, dated 29th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution Nos. 4484 and 5714, dated 3rd October 1888 and 16th January 1889, the transfer of Rs. 50,000 from the Municipal Building Fund Deposit Account to the Municipal General Fund pass book, on the 25th instant."

No. 5851.

Considered memorandum No. 18324, dated 25th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the building specified in letter from the Acting Executive Engineer to himself, No. 11607, dated 18th December 1888 :—

SIR,—In forwarding the accompanying notice No. 242 of the 27th ultimo, together with a precis with respect to a building constructed at Kalikat Street, I have the honor to state that the building consists of several rooms and is intended for habitable purposes.

A reply, dated 1st instant (attached hereto), has been received to the abovementioned notice. The structure, as it consists entirely of inflammable materials and is in contravention of the provisions of Section 349 of the City of Bombay Municipal Act, 1888 : further action for removal (without obtaining sanction of the Standing Committee) can therefore be taken by serving notice under section 349. The favour of instructions in the matter is solicited.—I have, &c., JAMES W. SMITH.

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 18324, dated 25th instant, sanction be given to the demolition of building built at Kalicut Street by Sheik Dadu."

No. 5852.

Considered memorandum No. 18325, dated 26th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter to himself from the Acting Executive Engineer, No. 5502, dated 11th August 1888 :—

SIR,—I have the honor to report that Mr. Paroo Oomersee has without permission taken down and rebuilt a greater portion of the west main wall of his house Nos. 150/154, Masjid Bunder Road. The attached tracing shows in yellow colour the portion taken down and rebuilt, and in red the old plinth and the walling left standing.

The following is a précis of the case :—On or about the 12th July 1888, a portion of this wall had fallen down and the rest was in a most dangerous condition, the posts and other timbers in the wall being badly decayed. A notice under Section 200 to pull down this wall was consequently served on the 14th July 1888. On the same day an application to repair this wall was received, and to this a reply was sent (on the 25th July), stating that the wall was in too ruinous a condition to be repaired and must be pulled down and rebuilt after submission of the usual building certificate plans. On 17th this department had sent men to pull down the wall, but in consequence of the owner having subsequently put on his own men, the men of this department stayed action, having removed only the tiles. The party then proceeded with the work of removing and rebuilding the wall in pieces. When it was observed that he had removed a greater portion of the wall, a notice under Section 165 demanding plans was served on the 30th July 1888. After the service of the notice he proceeded rapidly with the work of rebuilding. A set-back is required here for the improvement of the street. The land to be added to the street is scored off in red on the attached tracing and measures 14·77 square yards. The sanction

of the Town Council is now required under Section 167 of the Municipal Act to demolish such portion of the building as stands on the set-back ground and also to the taking up of the land itself.

The cost of the ground (14·77 square yards) at the estimated rate of Rs. 75 per square yard amounts to Rs. 1,107-12-0. The party was informed on the 11th instant, that sanction of the Town Council to the course above indicated would be applied for at the next meeting.

The correspondence in connection with this case is herewith forwarded.—I have, &c., JAMES W. SMITH, Acting Executive Engineer.

No. 5853. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 18325, dated 26th instant, sanction be given to the demolition of such part of house Nos. 150-154, Musjid Bander Road, built by Mr. Paroo Oomersee, as stands over the 14·77 square yards of ground, or thereabout, required for the improvement of the line of that thoroughfare.

" That sanction be also given to the payment of Rs. 1,107-12-0 for the purchase, at Rs. 75 per square yard, of the 14·77 square yards as above."

No. 5854. The following was *withdrawn*, as plans have now been submitted by the owners of the chawls, Messrs. Sewjee Assa and Lallji Bhimji :—

Memorandum No. 18326, dated 26th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition of chawls built at No. 4, Mazagon, without permission. In the absence of plans it was not known that the chawls were in contravention of any other provision of the Act than that requiring application for approval.

No. 5855. *Resolved*: " That, as applied for by the Commissioner in his memorandum No. 18323, dated 25th instant, sanction be given, under Section 501 of Act III. of 1888, to the payment of Rs. 65 to Mr. Bapuji Jamsetji, as compensation for damage sustained by him in consequence of the diversion of surface water from his land at Kapurban by the construction of works in connection with the Tansa scheme. The amount to be paid out of the grant for contingencies, Tansa Water Works, to be recovered hereafter, if so decided, from the contractor concerned."

No. 5856. *Resolved*: " That in reply to their petition, dated 23rd October 1888, Messrs. Cowasjee Sorabjee Umrigar, Jamsetjee Rastomjee, and other inhabitants of Thomas Street, Lower Colaba, be informed that the street will be provided with 3 oil lamps.

"That the public latrines thereat, which have been in existence for many years, are stated by the Health Officer to be kept particularly clean, and that the dust-box complained of has now been replaced by a moveable one."

*Resolved*: "That sanction be given to an extension of one month and twelve days' privilege leave to Mr. Ramchandra Mackundji, Head Clerk, Corporation and Standing Committee's Office, from 1st February 1889."

No. 5857.

"That sanction be also given to the payment to him of an advance of two months' pay (for December 1888 and January 1889)."

*Resolved*: That Progress Report of the Tansa Works up to the end of December last, forwarded with the Commissioner's memorandum No. 18387, dated 28th instant, be printed on the minutes of this day's meeting and considered at the next meeting.

## TANSA WATER WORKS.

Letter No. 1433 of 1888-89, dated 26th January 1889, from Mr. W. Clerke, M. INST. C.E., Executive Engineer, Tansa Water Works, to the Municipal Commissioner, as follows :—

SIR,—I have the honour to forward herewith, accompanied by three statements, progress report of the Tansa Works up to the end of December 1888. The progress diagrams have been brought up to same date and replaced in the Committee room.

Memorandum No. 18387 of 1888-89, from the Commissioner, forwarding same to the Standing Committee for information.

---

*Tansa Dam.*—During the month the outturn of masonry was 290,000 c. ft., making the total quantity executed from the commencement of the work 3,205,000 c. ft. A considerable quantity, about 240,000 c. ft. of excavation in the foundations was taken out. The daily average number of work-people employed during the month was 6,900 and 648 carts. Fever still continues to be very prevalent. There were 20 deaths during the month from various causes.

*Duct.*—Excavation and masonry work was in progress at several points along the line of duct. Fair progress was made with the tunnelling. The progress at the Bassein Creek bridges was satisfactory. The contractors are constructing a temporary tramway for leading forward from Kasheli the pipes required for the first five siphon tracks which are situated in the hilly country to the north of Bheundi. Pipe laying was in progress on siphon track No. 6. The daily average number of work-people employed on the duct works during the month was 8,100. Fever still prevails along the line of the works.

*Cast-iron Pipes.*—The consignment *ex* s. s. "Falls of Inversnaid," amounting to 2,000 tons, was delivered during the month, making the total delivery at Kasheli and Bombay, from the commencement of operations, 27,300 tons.

STATEMENT showing progress made with the masonry work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| | | c. ft. | ft. |
| State of work at opening of season 1888-89 | 347 | 2,708,100 | 7,295,100c. |
| Work done in October and November 1888 | 350 | 206,900 | |
| Work done in December 1888 | 353 | 290,000 | |
| Total | | 3,205,000 | |

STATEMENT showing progress of work on the principal items of the Tansa Duct, season 1888-89.

| | Total progress up to | | | Remaining to be done (approximately). |
|---|---|---|---|---|
| | 31st May 1888. | 30th Nov. 1888. | 31st Dec. 1888. | |
| Excavation for conduit..... c. ft. | 53,50,000 | 62,40,000 | 72,90,000 | 1,20,80,000 |
| Masonry in conduit ..... „ | 4,07,134 | 4,16,600 | 4,51,400 | 35,33,600 |
| Tunnelling ..... l. ft. | 2,500 | 4,300 | 4,700 | See details attached. |
| Excavation on pipe track ..... c. ft. | 28,18,000 | 29,14,000 | 30,41,000 | 3,59,000 |
| Embankment do. ..... „ | 53,94,000 | 55,70,000 | 59,57,593 | 9,10,407 |
| Tramway laid ..... l.yds. | 11,024 | 13,380 | 14,600 | 15,320 |
| Erecting Bassein Creek Bridges..... tons | 550 | 1,050 | 1,240 | 860 |

TANSA DUCT.

DETAIL of progress made in tunnels up to the 31st December 1888.

| No. of tunnels. | Progress made. | | | Remaining to be done (approximately.) | REMARKS. |
|---|---|---|---|---|---|
| | N. face. | S. face. | Total. | | |
| | L. ft. | L. ft. | L. ft. | L. ft. | |
| 1 | ..... | ..... | 232 | ..... | Driven through. |
| a1 | ..... | 221 | 221 | 307 | |
| 2 | 520 | 1,880 | 2,400 | 5,602 | |
| 3 | 175 | 149 | 324 | 741 | |
| 4 | 405 | 194 | 599 | 1,700 | |
| 5 | ..... | ..... | 619 | ..... | Driven through. |
| 6 | ..... | ..... | ..... | 740 | |
| 7 | 30 | 300 | 330 | 3,088 | |
| | | | 4,725 | 12,178 | |

Considered memorandum No. 5816, dated 25th instant, from the Municipal Secretary, forwarding, for remarks, letter from Mr. E. S. A. Burch, dated 22nd idem (addressed to the President of the Corporation), requesting sanction to erect a "pandal" for the sale of light refreshments on the spare ground opposite the Charni Road Railway Station.

No. 5859. *Resolved:* "That the Standing Committee agree with the Municipal Commissioner that the concession applied for is not a matter within the province of the Corporation."

Considered memorandum No. 5815, dated 25th instant, from the Municipal Secretary, forwarding letter to the President from the Registrar of the University, asking that the present charge of annas 6 per 1,000 gallons for water supplied to the University Garden may be remitted and the amount paid during the present year under that head refunded.

No. 5860. *Resolved:* "That the Corporation be informed with reference to letter from the Registrar of the University, dated 25th instant, that the following Resolution has been passed this day by the Standing Committee :—

"By Resolution of the Standing Committee, dated 16th instant, the charge for the ensuing year would be at annas 8 per 1,000 gallons and not 6 annas.

"Without making any pledge as to continuing the supply of lake water to the University Gardens, and subject to such conditions regarding the hours of supply as the Commissioner may lay down, the Standing Committee approve of a compounded sum of Rs. 50 per quarter being charged as long as the consumption in any one month does not exceed one lakh gallons ; any consumption over that quantity to be charged for at the prescribed rate of 8 annas per 1,000 gallons."

No. 5861. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 18603, dated 30th instant, sanction be given under Section 279 of Act III of 1888, to the severance of water connections as under :—

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice. served on |
|---|---|---|---|---|---|---|
| B | 2341 | 34-36 | Piru Lane | Shek Mahomed bin Haji Musa Ghaswalla, | Water is used for building purpose | 23-1-89. |
| B | 337 | 171-173 | Nagdevi Road | Abdul Rehman bin H. Davji | Do. do. | ,, |
| B | 2373 | 494-496 | Do. | Suleman bin H. Modak | Do. do. | ,, |
| B | 3006 | 304-306 | Samuel Street | Habib Ibrahim | Water is allowed to be used in the adjoining Stable Ward No. 3005. | ,, |
| B | 3017 | 350-352 | Do. | Khoja Sale Mahomed | Water is used for a livery stable | ,, |
| B | 2665 2666 | 447-449 & 449 A. | Jakaria Musjid Street | Hajarabai, widow of Rahimtoola Mahomed Ahmed. | Water is allowed to be used by outsiders and run to waste. | ,, |
| B | 2664 | 443-445 | Do. | H. Aba H. Rahimtoola | Do. do. | ,, |
| B | 745 | 50 | Dhobi Lane | Fulchand Kapurchand | Water is used for a livery stable and as well as in Ward No. 463, Chakla St. | ,, |
| B | 2896 | 9 & 86-88 | Nishanpada Road and 1st Chinch Bunder Row | Arjun Purshotum | Water is allowed to outsiders and in temple Ward No. 3126. | ,, |
| B | 2897 | 54-58 | Nishanpada Road | H. Jan MahomedCasum Jusub | Water is allowed to outsiders and also in Ward No. 2885. | ,, |
| D | 3276 | 29 | Mount Nepean Road | Jehangeer Cowasji Jehangeer Readymoney, | Iron tank to be replaced by a new one | 16-1-89. |
| D | 3270 | 30 | Nepean Road | Do. do. | Iron tank to be repaired | ,, |
| D | 3296 | 87 | Nepean Sea Road | Do. do. | Bibcock is out of order | ,, |
| D | 3509 | 21 & 23 | Warden Road | Bomanjee Nusserwanjee Vakil. | Stopcock is out of order | 21-1-89. |
| D | 3339 | 34 | Narayen Daboolker Road | Peeroo Mohomed | Ballcock and stopcock are out of order, and the service pipe is required to be renewed as it is corroded. | ,, |
| D | 293-307 | 699 (1 to 15) | Girgam Road | Vundravandass Purshotumdass | 3 Stopcocks and 4 taps are out of order and 2 are broken. | 23-1-89. |
| F | 190 | 3 | Suparibaug Road | Mahomedbhoy Jamloodin | Bibcock is out of order | 18-1-89. |
| C | ..... | 15 | Dhobitalao | Jamsetjee Burjorjee | Stopcock is leaking and requires a new iron box over the stopcock on road, | 24-1-89. |

Considered and *recorded* Progress Reports up to the end of November 1888, of new works now in course of construction.*

*Resolved:* "That the Progress Reports of new works, up to the end of November 1888, in course of construction, be *recorded.*"

No. 5862.

Considered the Health Officer's Report for the third quarter of 1888, received under the Commissioner's No. 18227 of 1888-89.

Proposed by Cowasji Hormusjee, Esq., seconded by Colonel Merewether—

"That the Health Officer's Report for the third quarter of 1888 be *recorded* and passed on to the Corporation.

No. 5863.

"That the Commissioner be asked to state whether an additional column can be added to the Vaccination Return showing the number of children who have been unsuccessfully vaccinated."

*Carried.*

*Resolved*: "That sanction be given, under Section 172 of the Municipal Act III. of 1888, to the charging of Rs. 65-10-0 per month, from 15th December 1888, for special halalkhor service to the Star of India Mills, Ld., Fergusson Road."

No. 5864.

Considered again letter from Mr. J. Accacio DaGama, L.M., K.C.J.C., forwarding petition on behalf of the Bombay Eye and Ear Infirmary for a grant of Municipal money in aid of the infirmary.

Read the following: —

Memorandum No. 18546, dated 29th instant, from the Commissioner, as under :—

The Commissioner is not personally acquainted with this institution, and therefore forwards copy of the Health Officer's Report for the information of the Standing Committee.

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* *See* Appendix C.

Memorandum No. 25857, dated 26th instant, from the Health Officer to the Commissioner, as under :—

The Eye and Ear Infirmary is an excellent institution, and good work has been done in it. Such an institution deserves every encouragement although I must admit that the most urgent want of the city is an hospital for infectious diseases. An hospital in which infectious and epidemic types of diseases could be treated is the most needed form of medical relief. But while we have not that, any other form of medical relief is worthy of encouragement.

In accordance with notice of motion, it was proposed by Cowasjee Hormusjee, Esq.—

No. 5865.

"That the Standing Committee recommend the Corporation to sanction a grant of Rs. 3,600* for the year 1889-90, towards the maintenance of the Eye and Ear Infirmary.

"That, in reply to his letter, dated 21st instant, Mr. J. A. DaGama be informed accordingly."

Raghunath Narayan Khote, Esq., seconded the motion.

*Carried* by 3 votes against 2.

The Commissioner placed the following before the Committee :—

*Statement of the Receipts and Expenditure of the Jafar Suleman Dispensary received from Government for the year 1888.*

| | | | | |
|---|---|---|---|---|
| RECEIPT.—From Municipality ... ... | | | Rs. 6,000 | 0 0 |
| EXPENDITURE.—On Establishment ... | | | Rs. 6,099 | 4 0 |
| On Europe medicine ... | | | „ 951 | 11 4 |
| On miscellaneous charges— | | | | |
| Bazar medicines ... | Rs. 1 | 8 0 | | |
| Contingencies ... | „ 48 | 14 0 | | |
| | | Rs. | 50 | 6 0 |
| Total ... | | Rs. | 7,101 | 5 4 |

* This amount was originally set down at Rs. 4,000 in the notice, and was reduced to Rs. 3,600 by consent of the meeting.

In accordance with notice of motion, it was proposed by Sir Henry Morland—

"That for the future the Committee for the weekly audit of the Municipal accounts shall consist of two instead of three members, and that the audited statement shall be signed by such two members."

The motion was seconded by Javerilal Umiashankar Yajnik, Esq., and—

*Carried.*

No. 5867. *Ordered*: That the following be laid on the table :—

Letter, dated 26th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursement of each week for December last, and compared them with the ledgers and found them correct; and forwarding summary and statement of their scrutiny of the accounts.

No. 5868. *Resolved*: "That the following be referred to the Commissioner for disposal; and that the applicant be informed accordingly :—

"Further letter, dated 24th January 1889, from Mr. Sunwar Bajary, stating that a nuisance is caused by the overflow of cesspool erected at No. 26, Barek Gully, Girgam Road, and asking that action may be taken in the matter.

*Resolved*: "That return for the quarter ending 28th December 1888, showing the income and expenditure for the quarter, as compared with the corresponding quarter for the previous year, together with a list of the additional grants sanctioned by the Corporation during the quarter ending 28th December last, be printed on the minutes.

No. 3135 of 1888-89.

From the CHIEF ACCOUNTANT,

Bombay Municipality,

To the MUNICIPAL COMMISSIONER.

Chief Accountant's Office,

Bombay, 21*st January* 1889.

Sir,—I have the honour to forward for transmission to the Standing Committee, a quarterly return for the quarter ending 28th December 1888, as compared with the corresponding quarter for the previous year, as required by the then Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter. The surplus cash balance referred to in my No. 2112, dated 10th October last, together with all further estimated surplus receipts has been appropriated in the Budget for the ensuing year.—I have, &c.,

SORABJI NAVAROJI COOPER,
Chief Accountant.

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No. 18313 of 1888-89.

Submitted to the Standing Committee for information.

E. C. K. OLLIVANT,
Commissioner.

26*th January* 1889.

## LIST of Additional Grants sanctioned by the Corporation during the quarter ending 31st December 1888.

| Resolution No. | Date. | ——— | Amount. | | |
|---|---|---|---|---|---|
| | 1888 | | Rs. | a. | p. |
| 5039 | Oct. 25 | Grant of Rs. 3,240 out of Surplus Cash Balance to meet the cost of new lamps for lighting the Wellington Fountain ... ... ... ... ... ... ... | 3,240 | 0 | 0 |
| 5116 | Nov. 1 | Grant of Rs. 500 from Surplus Cash Balance to provide for cost of postage to letters regarding severance of water connections, under Section 279 of the City of Bombay Municipal Act III of 1888, and of printing charges in the matter, the amount to be paid as an advance from time to time as may be required ... | 500 | 0 | 0 |
| 5244 | „ 12 | Grant of Rs. 1,500 from Surplus Cash Balance to meet the cost of engrossing the addresses from the Corporation to the Marquesses of Lansdowne and Dufferin and of the cost of cases to contain the same ... ... | 1,500 | 0 | 0 |
| 5245 | „ 12 | Grant of Rs. 2,500 from Surplus Cash Balance to be expended as may be found necessary if a relief Camp is established for the persons coming into Bombay from districts where there is scarcity ... ... ... | 2,500 | 0 | 0 |
| 5292 | „ 19 | Grant of Rs. 1,900 from Surplus Cash Balance to meet the value of 144 cisterns taken into drainage stock from the Municipal Workshops. The cisterns to be issued at Rs. 14 each as occasion requires and the amount to be adjusted by sale or by debit to works on which they may be used .. ... ... | 1,900 | 0 | 0 |
| 5295 | „ 19 | Grant of Rs. 15,660 from Surplus Cash Balance to be adjusted to the debit of Budget Grant for 1889-90 to meet the cost of 123 pairs of bullocks for Health Department, *i.e.*, 30 pairs at Rs. 150 per pair and 93 at Rs. 120 ditto ... ... ... ... ... | 15,660 | 0 | 0 |
| 5344 | „ 26 | Grant of Rs. 10,628, namely (1) Rs. 5,318 from Surplus Cash Balance, to provide for cost of lamps and lamp-posts, brackets, &c., for the lighting of the Prince's and Victoria Docks, and (2) Rs. 5,310 from the Balance of one lakh reserved in the current year's Budget for works under Rs. 10,000 to provide for cost of laying gas mains therein ... ... ... ... ... | 5,318 | 0 | 0 |
| 5445 | Dec. 10 | Grant of Rs. 1,238 from Surplus Cash Balance to provide for the cost (1) of the following Establishment up to the end of the current financial year for the verification of weights and measures as required by Section 418 and 419 of the Municipal Act of 1888, and (2) of the purchase from the Commissioner of Police, of plant for the said verification—1 Clerk at Rs. 20 per month, 1 Stamper at Rs. 30 per month, and 10 Assistant Stampers at Rs. 20 per month ... ... ... ... | 1,238 | 0 | 0 |
| | | Total .....Rs. | 31,856 | 0 | 0 |

## ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the

| | Budget Estimate. | | | Quarter ending 30th December 1887. | | | Quarter ending 28th December 1888. | | |
|---|---|---|---|---|---|---|---|---|---|
| **RECEIPTS.** | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| *Opening Balance on 1st April* 1888 ... | 5,43,000 | 0 | 0 | 2,87,145 | 9 | 0 | 64,127 | 11 | 3 |
| Consolidated Rate ... ... | 14,27,000 | 0 | 0 | 6,34,888 | 10 | 9 | 5,94,744 | 14 | 3 |
| Water Works Revenue (including water rate) ... | 8,82,700 | 0 | 0 | 2,42,555 | 7 | 9 | 3,53,102 | 2 | 8 |
| Conveyance Licenses ... | 4,200 | 0 | 0 | ..... | | | ..... | | |
| „ Wheel Tax ... | 3,06,000 | 0 | 0 | 60,428 | 10 | 0 | 53,223 | 6 | 0 |
| „ Tolls Fees ... | 15,800 | 0 | 0 | 4,386 | 0 | 0 | 3,851 | 4 | 0 |
| Halalkhor Cess ... ... | 3,71,000 | 0 | 0 | 1,27,211 | 0 | 9 | 1,13,171 | 15 | 1 |
| Duties, Town... ... ... | 7,89,000 | 0 | 0 | 2,54,050 | 5 | 9 | 2,34,658 | 4 | 9 |
| „ Tobacco ... ... | 1,80,000 | 0 | 0 | 49,169 | 9 | 3 | 45,636 | 11 | 8 |
| „ Liquor Licenses ... | 1,43,750 | 0 | 0 | ..... | | | ..... | | |
| Market Receipts ... ... | 2,70,600 | 0 | 0 | 80,120 | 12 | 8 | 77,401 | 13 | 8 |
| Miscellaneous Fees ... .... | 81,000 | 0 | 0 | 27,587 | 10 | 5 | 15,804 | 1 | 8 |
| „ Receipts ... | 78,600 | 0 | 0 | 23,258 | 14 | 3 | 30,487 | 4 | 4 |
| „ Fines... ... | 8,600 | 0 | 0 | 1,778 | 0 | 3 | 2,370 | 14 | 6 |
| „ Savings ... | 3,000 | 0 | 0 | 1,394 | 15 | 8 | 2,688 | 6 | 0 |
| Public Gardens ... ... | 8,000 | 0 | 0 | 2,061 | 4 | 6 | 1,084 | 8 | 6 |
| Fire Insurance Companies... | 32,000 | 0 | 0 | 17,121 | 8 | 0 | 16,979 | 0 | 0 |
| Contribution from Municipal Servants towards Pension, &c., Fund ... ... | 10,000 | 0 | 0 | 3,344 | 7 | 3 | 3,494 | 3 | 10 |
| Tramway Rent ... ... | 35,500 | 0 | 0 | 18,096 | 1 | 11 | 18,096 | 1 | 11 |
| | 46,46,750 | 0 | 0 | 15,47,453 | 7 | 2 | 15,66,795 | 0 | 10 |
| Debt ... ... ... ... | ..... | | | 26,00,000 | 0 | 0 | 19,22,000 | 0 | 0 |
| Workshops ... ... ... | ..... | | | 50,403 | 9 | 0 | 17,772 | 0 | 11 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | | | 21,79,860 | 12 | 3 | 16,44,303 | 7 | 2 |
| Advances ... ... ... | ..... | | | 3,31,951 | 12 | 6 | 2,81,933 | 12 | 3 |
| Deposits ... ... ... | ..... | | | 1,81,756 | 12 | 9 | 1,62,942 | 10 | 10 |
| Rupees ... | 46,46,750 | 0 | 0 | 68,91,426 | 5 | 8 | 55,95,747 | 0 | 0 |
| Total Rupees... | 51,89,750 | 0 | 0 | 71,78,571 | 14 | 8 | 56,59,874 | 11 | 3 |

## FOR THE QUARTER ENDING 28TH DECEMBER 1888.

Quarter ending 30th December 1887.

| | Budget Estimate. | Quarter ending 30th December 1887. | Quarter ending 28th December 1888. |
|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,70,177 0 0 | 45,694 3 5 | 52,659 0 6 |
| Assessment and Collection Department ... ... | 1,98,081 0 0 | 54,998 9 0 | 49,582 10 11 |
| General Police (including Police Hospital) ... | 2,61,352 0 0 | 65,337 1 9 | 64,587 1 9 |
| Fire Brigade... ... ... | 1,16,087 0 0 | 13,647 12 3 | 21,542 8 10 |
| Health Department ... | 11,57,351 0 0 | 2,80,050 12 9 | 3,02,433 11 6 |
| Public Works. Establishment ... ... | 1,14,916 0 0 | 27,197 8 0 | 26,521 8 6 |
| Lighting ... ... | 3,05,004 0 0 | 93,603 14 1 | 94,882 4 1 |
| Watering ... ... | 86,463 0 0 | 16,142 7 5 | 12,599 9 7 |
| Repairs, Roads ... ... | 4,52,496 0 0 | 1,05,105 0 9 | 1,52,186 11 2 |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 25,000 0 0 | 25,000 0 0 | 25,979 11 3 |
| Repairs, Buildings ... | 6,000 0 0 | 563 12 0 | 568 9 10 |
| Improvement of Streets | 1,00,000 0 0 | 21,112 10 6 | 16,811 9 4 |
| Water Works ... ... | 1,61,400 0 0 | ‡7,00,942 14 9 | ‡19,79,708 2 3 |
| Drainage ... ... | 99,852 0 0 | 18,458 1 3 | 24,266 0 8 |
| Public Gardens ... | 63,200 0 0 | 12,714 13 3 | 10,761 14 10 |
| New Works and Reserve Funds, &c. ... ... ... | 1,00,000 0 0 | 47,991 10 6 | 22,772 1 0 |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 97,408 0 0 | 26,714 15 3 | 20,171 0 11 |
| Discount on a portion of 44 Lakhs Loan ... ... | ..... | 1,43,937 0 0 | ..... |
| Education (including Veterinary College, &c., Contribution) ... ... ... | 50,398 0 0 | 91,783 7 3 | 7,774 5 8 |
| Debt ... ... ... ... | 14,85,000 0 0 | 3,04,563 2 0 | 2,82,298 6 6 |
| | 50,50,185 0 0 | 20,95,559 12 2 | 31,68,107 1 1 |
| Workshops ... ... ... | ..... | 49,232 0 8 | 29,653 14 4 |
| Profit and Loss on Account of Stores ... ... ... | ..... | 198 10 7 | ..... |
| Loan Works ... ... ... | ..... | †2,53,876 1 7 | 1,32,969 9 10 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 47,09,192 10 3 | 19,14,864 13 2 |
| Advances ... ... ... | ..... | 88,225 13 11 | 1,62,596 15 8 |
| Deposits ... ... ... | ..... | 1,34,509 1 11 | 63,257 14 11 |
| Rupees... | 50,50,185 0 0 | 68,23,041 15 11 | 54,71,450 5 0 |
| Closing Balance ... ... | 1,39,565 0 0 | 3,55,529 14 9 | 1,88,424 6 3 |
| Total Rupees... | 51,89,750 0 0 | 71,78,571 14 8 | 56,59,874 11 3 |

† Debits and Credits deducted.

‡ Includes Rs. 5,03,965-15-7 and Rs. 18,54,382-11-11 respectively paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works executed out of Loan Funds.

The following were laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th January 1888.*

(2). Memorandum No. 18592, dated 30th instant, from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of fire. |
|---|---|---|---|---|---|
| 1889 Jan. 24 | Patakwadi. | A fire broke out on the top floor of a three storied house, and the roof and wooden partitions on the 3rd floor were partly destroyed. | .... | Rs. 2,000 | Not known. |

No. 5869.

*Resolved*: "That, as applied for by the Commissioner, sanction be given to his arranging, either by the sale of Municipal bonds (Tansa Water Works Loan) or of securities, for the raising of a sum not exceeding Rs. 2,15,000, to meet the costs payable under consent award of the High Court in the proceedings under the Land Acquisition Act, for the acquisition of the ground required from Mr. Chubildas Lalloobhoy, for the extension of the Null Bazar Markets, being Rs. 1,93,000 for the plaintiff in the suit, including 15 per cent. for compulsory acquisition, with interest at 6 per cent. from 24th February 1888 ; and the cost of the Municipality."

The Hon'ble Mr. Rahimtula Mohamed Sayani † having vacated the chair, Colonel Merewether was voted thereto and the Committee considered application from the Commissioner for the removal of a coach-house built without permission at No. 31, Nesbit Road, by Mr. Motichund Harruckchund.

Read letter from Messrs. Payne, Gilbert and Sayani, on behalf of Mr. Motichund Hurrukchund, dated this day asking for a postponement of the case.

It was agreed that the matter be postponed until the next meeting of the Committee

† NOTE.—The Hon'ble Mr. Rahimtula Mahomed Sayani took no part in this matter.

* *See* Appendix B.

BOMBAY, *6th February* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

On the motion of Raghunath Narayan Khote, Esq., seconded by Javerilal Umiashankar Yajnik, Colonel Merewether was voted to the chair.

The minutes of the meeting held on the 30th ultimo, were signed.

The seal of the Corporation was affixed to 300 debentures of the Bombay Tansa Water Works Loan, namely Nos. 13901 to 14200, both inclusive, of the aggregate value of Rs. 1,50,000.

No. 5914. The seal was affixed to deed of contract with Messrs. Richardson and Cruddas for the supply of castings for manholes and lampholes for the Queen's Road and Girgam Drainage District.

*Resolved* : " That the following be *recorded* :—

No. 5915. Memorandum No. 19091, dated 5th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution Nos. 4484 and 5714, dated 3rd October 1888 and 16th January 1889, the transfer of Rs. 50,000 from the Municipal Building Fund Deposit Account to the Municipal General Fund pass book, on the 31st January 1889."

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 12591B, dated 17th idem :—

SIR,—As no reply to your notice No. 273 of the 17th December last, under Section 351 of the City of Bombay Municipal Act, 1888, has been communicated to this Department, it is presumed that Mr. Motichand Harrackchund on whom the same was served has not yet shown sufficient cause why his coach house built at No. 31, Nesbit Road, without permission, should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction

of the Standing Committee to the removal of the building. In the absence of plans it is not known to be in contravention of any other provision of the Act than that requiring application for permission to build.

No. 5916. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 18327, dated 26th ultimo, sanction be given to the demolition of coach-house built at No. 31, Nesbit Road, by Mr. Motichund Harrackchund."

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 13075B, dated 29th January 1889:—

SIR,—As no reply to your notice No. 299 of the 11th instant, under Section 351 of the City of Bombay Municipal Act, 1888, has been communicated to this Department, it is presumed that Mr. Mahomed Khan Guffer Khan Pathan on whom the same was served has not yet shown sufficient cause why his chawl built at Haines Road without permission should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee to the removal of the said chawl.

In the absence of plans it is not known to be in contravention of any other provision of the Act than those requiring application for permission to build.

No. 5917. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 18781, dated 1st instant, sanction be given to the demolition of chawl built at Haines Road by Mr. Mahomed Khan Guffur Khan Pathan."

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the building specified in letter from the Acting Executive Engineer to himself, No. 12821B, dated 22nd January 1889:—

SIR,—As no reply to your notice No. 190 of the 14th November last, under Section 351 of the City of Bombay Municipal Act, 1888, has been communicated to this Department, it is presumed that Mr. Keekabhoy Sumsoodin on whom the same was served has not yet shown sufficient cause why his room built on the south side of Grant Road Bridge without permission, should not be pulled down. I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee to the removal of the room, a portion of the room stands within the regular line of the street. In the absence of plans it is not known to be in contravention of any other provision of the Act than that requiring application for permission to build and that forbidding any building on set-back ground.

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 18782, dated 1st instant, sanction be given to the demolition of room built on the south side of Grant Road Bridge by Mr. Keekabhoy Sumsoodin."

No. 5918.

The consideration of the following was, at the request of the Commissioner, postponed till next week as he will probably be able to deal with the case himself :—

Memorandum No. 18795, dated 1st instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the demolition of an otla in Oombharkhadi Street specified in letter from the Acting Executive Engineer to himself, No. 12761B, dated 21st January 1887.

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the building specified in letter from the Acting Executive Engineer to himself, No. 13120B, dated 30th ultimo :—

SIR,—As no reply to your notice No. 225 of the 9th November 1888, under Section 351 of the City of Bombay Municipal Act, 1888, has been communicated to this Department, it is presumed that Mr. Pragjee Heerjee on whom the same was served has not yet shown sufficient cause why his stable built at Lady Jamsetjee Road, near the Manmalla Tank, without permission should not be pulled down, I have, therefore, the honour to request the favour of your applying for sanction of the Standing Committee to the removal of the said stable.

In the absence of plans it is not known to be in contravention of any other provision of the Act than that requiring application for permission to build.

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 18879, dated 2nd instant, sanction be given to the demolition of stable built at Lady Jamsetji Road, near the Manmalla Tank, by Mr. Pragjee Heerjee."

No. 5919.

*Resolved* : "That Progress Report of the Tansa Works up to the end of December last, forwarded with the Commissioner's memorandum No. 18387, dated 28th ultimo, be *recorded*."

No. 5920.

*Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 19147, dated 6th instant, sanction be given, under Section 279 of the Municipal Act III. of 1888, to the severance of water connections, as under" :—

No. 5921.

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| G | 5466 | 86 | Mahim Bazar Road ... | Shivdass Purshotumdass ... | Water is used for building purpose | 29-1-89 |
| E | 4077 | 264 | Ripon Road ... ... ... | Purshotum Ebji ... ... | Water is used for chunam purposes | 1-2-89 |
| E | 2477 | 12 | Public passage between Falkland Road and Sooklajee Street | Baburao Vakeel, Trustee ... | Do. do. | 1-2-89 |
| E | 2826 (2) | 2 | Gilder Street... ... ... | Bezonji Hormasji ... ... | Water is used for steam boiler purposes | 1 2-89 |
| G | 2376 | 215 | DeLisle Road ... ... | Hansraj Hurrydass ... | Bibcock is out of order ... ... | 31-1-89 |
| G | 2358 to 2360 | 191 to 195 1 & 2 | Do. ... ... | Sarafali Tyabali, Mahomedali Tyabali and others | Service pipe is out of order ... | 31-1-89 |
| F | 198 | 166-82 | Suparibaug Road ... ... | Cassinath Withoba... ... | Stopcock is out of order ... ... | 28-1-89 |
| F | 1442 | 136 | Bhoewady Road .. ... | Rutton Pandoo Thacoor ... | Stopcock and bibcock are out of order | 28-1-89 |
| F | 3538 | 779 | Wadalla Village ... ... | Joseph Rodrigues ... ... | Service pipe is out of order .. | 28-1-89 |
| F | 206 | 214-220 | Suparibaug Road ... ... | Jiwanjee Nusserwanjee ... | Requires a lid over the stopcock box | 2-2-89 |
| F | 2374 | 1068 | Sewree Road... ... ... | Hajee Ebrahim H. Joseph.. | Service pipe is out of order ... | 2-2-89 |
| F | 2182 | 876 | Do. ... ... ... | Sulleman Tar ... ... | Do. do. ... | 2-2-89 |
| F | 3448 | 689 | Wadalla Village ... ... | Heera Dhurma Thacoor ... | Requires a lid over the stopcock box | 2-2-89 |
| F | 3420 | 661 | Do. ... ... | Manoel Antonio Serao ... | Stopcock is out of order ... ... | 2-2-89 |
| F | 3693-34 | 934 | Do. ... ... | Trimbak Chungajee ... | Do. do. do. ... | 2-2-89 |
| F | 1930 | 624 | Naigaum Road ... ... | Shree Chimanlalji Maharaj | Do. do. do. ... | 2-2-89 |

Considered return prepared by the Chief Accountant and forwarded under memorandum No. 18313, 1889-90, by the Municipal Commissioner, of the income and expenditure for the quarter ending 28th December 1888.*

*Resolved:* "That the return for the quarter ending 28th December 1888, showing the income and expenditure for the quarter as compared with the corresponding quarter for the previous year, together with a list of the additional grants sanctioned by the Corporation during quarter ending 28th December last, be *recorded.*"

No. 5922.

Considered letter, dated 15th November 1888, from Messrs. Madhowjee Narayan and others, complaining that certain owners in Kutodi Oart, Girgam Road, not having erected cesspools for sullage and privy water, a nuisance is caused thereat.

Also memorandum No. 18320, dated 26th January last, from the Commissioner, on the above subject.

*Resolved:* "That in reply to their letters, dated 15th November 1888, Messrs. Madhowjee Narayan and others, be informed that the work of laying pipe drains in the locality under reference has now been completed, and the house sullage connection work will be taken in hand in about a month."

No. 5923.

It was agreed that the consideration of the following, which has been referred to the Commissioner for remarks, be postponed :—Letter, dated 31st January last, from Mr. Jamsetjee Cursetjee Cama, attorney-at-law, objecting to the Standing Committee's order to the demolition of the western wall of Mr. Paroo Oomarsee's house No. 150-154, Musjid Bandar Road.

No. 5924.

*Resolved:* "That Mr. Sadanund Hurrychandji, second clerk, Corporation and Standing Committee's Office, be placed on the Pension List from 1st March next."

No. 5925.

"That Mr. Narayan Ramchandra, third clerk, be appointed second clerk, and Mr. Ferreira, third clerk, *vice* Mr. Narayan."

*Resolved*: "That the following be *recorded* :—(1) Letter No. 18873, dated 2nd instant, from the Commissioner, as follows" :—

No. 5926.

The late Town Council in their Resolution No. 4147, dated 5th September last, sanctioned Rs. 20 per square yard for 10·43 square yards of ground at No. 23-25, Bhandari Street, for street improvement.

* *See* Proceedings of the Standing Committee, dated 30th January 1889.

On appeal to the Chief Presidency Magistrate, the rate has been increased to Rs. 54 per square yard, *plus* Rs. 5 per cent. on the sum of Rs. 56,322 from the 1st November 1888 to the 11th January 1889. The Magistrate has also awarded Rs. 75 as costs. I have ordered the payment of the whole sum under Section (*f*) by debit to the Street Improvement Grant, the same head to which the sanctioned sum was debitable.

(2) Letter No. 18872, dated 2nd instant, from the Commissioner, as follows :—

The late Town Council in their Resolution No. 393, dated 17th June 1885, sanctioned Rs. 3 per square yard for 64·30 square yards of ground at Walkeshwar Road for street improvement. On appeal to the Chief Presidency Magistrate, the rate has been increased to Rs. 8 per square yard, *plus* interest at the rate of 5 per cent. on the sum of Rs. 514-4-0 from 1st November 1888 to 11th January 1889. The Magistrate has also awarded Rs. 75 as cost. I have ordered the payment of the whole sum under Section 118 (*f*) by debit to the Street Improvement Grant, the same head to which the sanctioned sum was debitable.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee N. Banajee, Esq.—

No. 5927. "That, as applied for by the Commissioner, in his letter No. 18881, dated 2nd instant, the Corporation be recommended to sanction a grant of Rs. 3,400, from Surplus Cash Balance, to meet the excess expenditure over the Budget grant caused by the larger ration given to the meat-van bullocks, as the bullocks continually fall sick on account of the increased loads in the vans consequent on larger quantity of meat brought to Bombay."

*Carried.*

Read letter No. 11, dated 29th ultimo, from Thomas Blaney, Esq., Chairman, Joint Schools Committee, to the Municipal Secretary, forwarding amended Budget estimates of the Committee for the year 1889-90.

Proposed by Sir Henry Morland, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5928. "That the Chairman of the Joint Schools Committee be asked to furnish the Standing Committee with explanations of all the proposed increases in the Joint Schools Committee's Budget, in order that the Standing Committee may be in a position to consider the estimates properly."

*Rider* moved by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"That the Standing Committee will be glad if the Chairman or other members of the Joint Schools Committee will attend the next meeting of the Standing Committee."

The rider was accepted as part of the original proposition which, as thus amended, was—

*Carried.*

It was agreed that the item be entered first on the agenda paper of next week's meeting.

Considered memorandum No. 18880, dated 2nd instant, from the Commissioner, forwarding for sanction application for pension from Mr. Madhavrao Moroba, late head clerk, Executive Engineer's Department.

No. 5929.

*Resolved:* "That sanction be given, under Rule VI, clause (A) of the Pension Fund Rules, Section C, of Chapter I, of the Municipal By-laws, to the payment of pension of Rs. 100 per mensem to Mr. Madhavrao Moroba, late head clerk, Executive Engineer's Department, from 1st October 1888.

"That the break in Mr. Madhavrao's service from 1st August to 26th October 1880 be allowed to count for pension service."

Considered letter from Mr. A. C. Blomfield, dated 4th February 1889, forwarding copy of memorial addressed by himself and other inhabitants of Upper Mahim to the Commissioner, objecting to the erection of a public latrine in the vicinity of applicants' dwelling places.

No. 5930.

*Resolved:* "That in reply to his letter, dated 4th instant, Mr. A. C. Blomfield be informed that the selection of sites for latrines rests with the Municipal Commissioner, to whom the letter has been forwarded."

Considered further petition, dated 16th November 1888, from Messrs. L. F. D'Souza, Peter Crasto and other residents of Matharpackady, relative to the overflow of a cesspool thereat.

Commissioner's memorandum No. 18906, dated 4th instant, on the above subject.

No. 5931.

*Resolved:* "That in reply to their petition, dated 16th November 1888, Messrs. L. F. D'Souza, Peter Crasto and other residents of Matharpackady,

be furnished with a copy of the Health Officer's memorandum No. 23954 of 31st December last, forwarded with the Commissioner's memorandum No. 18906, dated 4th instant."

No. 5932. *Resolved* : "That, as applied for by the Commissioner in his letter No. 18870, dated 2nd instant, sanction be given to the acceptance of the tender of Mr. Sitaram Lakshuman, the lowest of three tenders, received, for the supply of road metal during the year 1889-90, at the rate of Rs. 5-7-0 per brass."

No. 5933. *Resolved:* "That Government Resolution No. 2121, Educational Department, dated 29th November 1888, forwarded with the Commissioner's memorandum No. 18904, dated 4th instant, be *recorded* (not printed)."

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 5th February 1888.*

Read and *recorded* memorandum from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of fire. |
|---|---|---|---|---|---|
| 1889 | | | | Rs. | |
| Jan. 27 | Ghorupdev Road. | A fire broke out in the room of a sweetmeat-seller who was heating oil. | .... | 8 | Attributed to the oil boiling over and causing the ceiling to catch fire. |
| „ | Goa Street .. | A fire broke out in a cattle shed. | Goolam Husen and Maruti Dhondi. | 200 | Not known. |

No. 5934. *Resolved:* "That, with reference to the Corporation's Resolution No. 5911, dated 4th February 1889, the Commissioner be requested to furnish plans and estimates. If accommodation is proposed for any resident officer, the reason why this is desirable should be explained."

Read memorandum No. 19058, dated 5th instant, from the Commissioner, asking sanction, under Section 351

* *See* Appendix **B.**

(2) of the Municipal Act III. of 1888, to the demolition specified in letter from the Acting Executive Engineer to himself, No. 11009B, dated 5th December 1888 :—

The accompanying two notices are forwarded to the Municipal Commissioner for favour of instructions. It appears that no cause has been shown why the structures should not be removed. They are tiled sheds built on Messrs. Jalbhoy's ground at Chinch Bunder Road, and used for the purpose of timber selling.

No. 5935. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19058, dated 5th instant, sanction be given to the demolition of two tiled sheds built at Chinch Bunder Road, one by Mr. Ebrahim Latiff and the other by Hajee Mahomed Ebrahim."

No. 5936. *Resolved* : "That, as proposed by the Commissioner in his memorandum No. 19094, dated 5th instant, the Corporation be recommended to sanction the supply of water from 7th to 17th idem, both days inclusive, to the camp of the Bombay Light Horse, near the Bandora Rifle Range between 8 and 10 A.M., and between 4 and 6 P.M., daily, under Section 288 of the Municipal Act III. of 1888, at the rate of Rs. 10."

No. 5937. *Resolved:* "That, as applied for by the Commissioner in his letter No. 19144, dated 6th instant, sanction be given to the transfer of Rs. 500—(1) Rs. 200 from savings in Section III. D., Elphinstone Circle Garden, and (2) Rs. 300 from savings in Section II., feed of animals, Victoria Gardens, to Section II., contingencies and stores, Victoria Gardens, to meet the cost of manure for and repairs to garden tools and water pipes."

No. 5938. *Resolved:* "That, as applied for by the Commissioner in his letter No. 19101, dated 5th instant, sanction be given, under Section 517 of the Municipal Act, Clause (I), to a suit being instituted against the National Fire Insurance Company, for the recovery of the Fire Insurance tax of Rs. 250 for the current half-year."

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilai Umiashankar Yajnik, Esq.—

No. 5939. "That, as applied for by the Commissioner in his memorandum No. 19093, dated 5th instant, the Corporation be recommended to sanction

an additional grant of Rs. 11,000, from surplus cash balance, to meet excess in the grant for commission to Port Trust, Town Duty collection, current year's Budget."

*Carried.*

With reference to the Resolution of the Corporation, No. 2421, dated 1st March last, it was—

No. 5940 *Resolved:* "That the Corporation be recommended to adjust the charge of Rs. 2,000 for preparing and lithographing copies of plans of water mains to the debit of current revenue."

No. 5941. *Resolved:* "That sanction be given to the acceptance of the tender of Mr. Sitaram Luxumon, the lowest of three tenders received for the following works:—Additional catch-water channels at Vehar; extension of catch-water channels at Tulsi; concrete trench at the wing walls, Tulsi Waste Weir, at rates amounting to Rs. 3,310, Rs. 16,070 and Rs. 5,243-2-0, and inclusive of 10 per cent. contingencies to Rs. 3,600, Rs. 17,677 and Rs. 5,768, respectively, against the sanctioned grants of Rs. 3,600, Rs. 20,000 and Rs. 9,000.

"That until the grant of Rs. 9,000 becomes available on the 1st March 1889, all payments on account of the above contract be debited to the grants of Rs. 3,600 and Rs. 20,000, the same being adjusted against the respective grants before the accounts are closed."

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BOMBAY, 13*th February* 1889.

AT the meeting of the Standing Committee held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 6th instant were signed.

Read letter No. 13, dated 11th February 1889, from the Chairman, Joint Schools Committee, to the Secretary to the Municipal Corporation, as follows :—

"SIR,— In reply to your letter No. 5912 of 6th February, I have the honour to forward herewith explanations asked for by the Standing Committee, on the increases proposed by the Joint Schools Committee in their Budget for 1889-90, and to inform you with reference to the third para. of your letter, that it is not now necessary, in the opinion of the Committee, that the Chairman or any of the members of the J. S. Committee should attend the next meeting of the Standing Committee.—I have, &c.,

THOMAS BLANEY,
Chairman, Joint Schools Committee.

SCHOOLS ESTABLISHMENT FOR THE YEAR 1889-90.

A.—*Marathi side*—

The total increase proposed on account of the Marathi Schools amounts to Rs. 2,556, and this is distributed as under :—

| | | |
|---|---|---|
| 1. | Increment of pay to teachers... ... ... | Rs. 576 |
| 2. | Four additional teachers ... ... ... | „ 480 |
| 3. | Additional rent ... ... ... ... | „ 600 |
| 4. | Pension contribution ... ... ... | „ 900 |
| | | Rs. 2,556 |

1. The increment to teachers has been proposed with the concurrence of Mr. Kirkham, is in accordance with existing practice, and would have been granted by the department if the schools had not been transferred to the Joint Schools Committee.

2. The four additional teachers proposed are necessary owing to increase of scholars in some schools.

3. The increase under rent is caused in consequence of increasing demands on the part of the landlords.

4. The increase under pension contribution is in consequence of the transfer of the services of Government teachers to the Joint Schools Committee.

B.—*Guzerathi side*—

The increase on this side is Rs. 2,174, distributed as under :—

| | | |
|---|---|---|
| 1. | Increment of pay to teachers ... | ...Rs. 760 |
| 2. | Four additional teachers ... ... | ... „ 480 |
| 3. | Pension contribution ... ... | ... „ 934 |
| | | Rs. 2,174 |

The same explanations as given above apply to these items also.

The working balance is estimated at Rs. 8,779-6-8, in order to provide for unforeseen contingencies, such as sudden increase of rent, diminution of school fees, sudden increase of scholars necessitating additional hands, &c.

Government are handing over a balance of Rs. 9,609-6-8.

## INSPECTOR'S ESTABLISHMENT.

The increases under this head are as follows :—

1. Two Inspectors, Rs. 175 per month, at with travelling allowance of ... ... ...Rs. 25
2. Pension contribution ... ... ... ... „ 20
3. Two peons ... ... ... ... ... „ 20
4. Stationery, &c.... ... ... ... ... „ 20

This establishment is indispensable for carrying out the duties of inspection under the Committee.

The Committee have requested Mr. Kirkham to ask Government whether they will defray the charges for inspection as recommended above by the Committee.

The high scale of salaries proposed for the Inspectors is in consequence of those officers being now expected to carry out their inspection without the immediate supervision of superior officers.

## COMMITTEE'S ESTABLISHMENT.

It is as under:—

1. Secretary ... ... ... ... Rs. 250
2. Pension contribution for the same ... „ 25
3. Two clerks ... ... ... ... „ 30 each.
4. Pension contribution... ... ... „ 6
5. Two peons ... ... ... ... „ 10 each.
6. Office rent ... ... ... ... „ 150 per month.
7. Furniture ... ... ... ... „ 750 lump sum.

This establishment is absolutely necessary for the efficient performance of the duties of the Committee.

The Municipal Commissioner having informed the Chairman of the Joint Schools Committee, that no accommodation is available in the Municipal Office for the Committee, the necessary accommodation should be provided at the expense of the Corporation.

THOMAS BLANEY,
Chairman, Joint Schools Committee, Bombay.

The consideration of the amended Budget Estimates of the Joint Schools Committee was then proceeded with.

No. 5994. A proposal, made by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq., that the salary of the Secretary should be fixed at Rs. 200 per mensem, rising by yearly increments of Rs. 15, Rs. 15 and Rs. 20 per mensem respectively, to the maximum of Rs. 250 per mensem, was lost by the casting vote of the Chairman. The salary was passed at Rs. 250 per mensem ; but it was decided to postpone the question of the payment of pension contribution to Government for such officer.

The pay of the two clerks was passed at Rs. 30 each, but the question of payment of contribution for their pensions was also postponed.

The item of office rent was reduced from Rs. 1,800 to Rs. 1,200 per annum.

The proposed increase of Rs. 600 for rent of buildings for Marathi Schools was *struck out.*

With reference to statement No. 6, estimate of the Inspector's Establishment, it was agreed that the pay of the Inspectors be fixed at Rs. 75 each, with Rs 25 travelling allowance per mensem as at present.

It was also decided to await the result of legal opinion which the Commissioner will obtain, as to the authority by which the Secretary, clerks and messengers to be provided under Section 39 (6) are to be appointed.

The seal of the Corporation was affixed to 200 Debentures of the Bombay Tansa Water Works Loan, namely, Nos. 14201 to 14400, both inclusive, of the aggregate value of Rs. 1,00,000.

The seal was also affixed to deeds of conveyance—

No. 5995. From Mr. Jairam Hari, of ground taken up for the improvement line of Walkeshwar Road.

No. 5996. From Mr. Mahomed Ebrahim bin Shaik Abudulla Patel, of ground taken up for the improvement line of Tandel Street. (The Executive Engineer, in his letter No. 13668, dated 9th February 1889, to the Commissioner, states that Mr. Mahomed Ebrahim bin Shaik Abdulla Patel is the proper person to receive compensation in this case, not Mr. Shaik Ebrahim Shaik Abdulla Patel,

in whose name sanction to the taking up of the ground was given by the Town Council, in their Resolution No. 510, dated 8th June 1887.)

No. 5997. From Mr. Miya Cassum Mitha, of ground taken up for the improvement line of Dongri Street. (The Executive Engineer, in his letter No. 13267, dated 1st February 1889, to the Commissioner, states that 2·72 square yards of ground only were taken up in this case, being ·07 square yard less than the area, 2·79 square yards, sanctioned on the 14th November 1888; and that Miya Cassum Mitha is the proper person to receive compensation in this case, not Mr. Peerbhai Damji in whose name sanction to the taking up of the ground was given on the last named date.)

No. 5998. From Mr. Miya Cassum Mitha, of ground taken up for the improvement line of Samuel Street. (The Executive Engineer, in his letter No. 13267, dated 1st February 1889, to the Commissioner, states that 2·32 square yards of ground only were taken up in this case, being ·45 square yard more than the area, 1·87 square yards, sanctioned by the Council on the 10th December 1884; and that Miya Cassum Mitha is the proper person to receive compensation in this case, not Mr. Peerbhai Damji, in whose name sanction to the taking up of the ground was given by the Council on the last named date.)

No. 5999. From Messrs. Gani Ahmed, Nur Mahomed and Ali Mahomed Juma, of ground taken up for the improvement line of Nagdevi Road. (The Executive Engineer, in his letter No. 13667, dated 9th February 1889, to the Commissioner, states that 12·88 square yards of ground only were taken up in this case, being 1 square yard less than the area, 13·88 square yards, sanctioned by the Council on the 3rd November 1886, and that Messrs. Gani Ahmed, Nur Mahomed and Ali Mahomed Juma are the proper persons to receive compensation in this case, not Mr. Ali Mahomed Juma alone in whose name sanction to the taking up of the ground was given by the Council on the 3rd November 1886.

No. 6000. From Haji Mahomed Haji Abba Jan Mahomed, of ground taken up for the improvement line of Naron Dhuru Street. (The Assistant Executive

Engineer, in his letter No. 13666, dated 9th February 1889, to the Commissioner, states that 10·88 square yards of ground only were taken up in this case, being 3·93 square yards less than the area, 14·81 square yards, sanctioned by the Council on the 25th May 1887; and that Haji Mahomed Haji Abba Jan Mahomed is the proper person to receive compensation in this case, not Hadji Mahomed Haji Abba, in whose name sanction to the taking up of ground was given by the Council on the last named date.)

No. 6001. The following was *recorded* :—Memorandum No. 19643, dated 13th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000 from the Municipal Building Fund and Tansa Loan Deposit Accounts to the Municipal General Fund pass book, on the 4th and 6th instant.

No. 6002. The following was referred to the Commissioner for disposal under Section 299 of the Municipal Act :—Application made in memorandum No. 18795, dated 1st instant, from the Commissioner, for sanction to the demolition of otla built by Mr. Samual Aron, in Oomarkhadi Street, specified in letter to the Commissioner from the Acting Executive Engineer, No. 12761-B, dated 21st January 1887 (*see* minutes of the meeting held on 6th instant).

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the bungalow specified in letter to himself from the Acting Executive Engineer, No. 13531-B, dated 7th instant.

No. 6003. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19479, dated 11th instant, sanction be given to the demolition of bungalow built at No. 30, Narayan Daboolkar Road, by Mr. Piroo Mahomed."

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the stable specified in letter to himself, from the Acting Executive Engineer, No. 13380-B, dated 4th instant.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 19384, dated 8th instant, sanction be given to the demolition of stable built at No. 52, Khetwady 3rd Lane, by Bai Gunoobai Ramchrishna."

No. 6004.

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the cook-room specified in letter to himself, from the Acting Executive Engineer, No. 13172-B, dated 31st ultimo :—

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19385, dated 8th instant, sanction be given to the demolition of cook-room built at No. 96, Khetwady Back Road, 11th Lane, by Mr. Abedin Abdul Latiff."

No. 6005.

Considered memorandum from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the chawl specified in letter to himself from the Acting Executive Engineer, No. 13175-B, dated 31st January 1889.

*Resolved :* "That, as applied for by the Commissioner in his memorandum No. 19383, dated 8th instant, sanction be given to the demolition of chawl built at No. 355, Parel Chawl Road, by Mr. Hurrivullubh Gullalchand."

No. 6006.

Considered memorandum from the Commissioner, forwarding the Executive Engineer's No. 11371-B, dated 13th December 1888, regarding the construction of a portion of Mr. Bapu Saheb Jethaiker's house at No. 509—519, Parel Road, and remarking as follows :—

"As the party in this case has reconstructed a portion of his building standing within the regular line of the street (Section 342*a* of the Act), by constructing a masonry wall in the place of mere planking, it was his duty to give due notice and submit such information as might be required of him. He omitted to do this and was accordingly called upon to shew cause why his building should not be altered or demolished. The cause now shown by him is, in the opinion of the Commissioner, insufficient and therefore, with the approval of the Standing Committee, the Commissioner proposes to remove that portion of the wall, and only so much thereof, as he has recently constructed.

"E. C. K. OLLIVANT."

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 19362, dated 8th instant, sanction be given to the demolition of a portion of house at No. 509—519, Parel Road, built by Mr. Bapu Saheb Jethaiker."

No. 6007.

*Resolved*: "That, as recommended by the Commissioner in his memorandum No. 19389, dated 8th instant, the rate of compensation fixed by the late Town Council in their Resolution No. 2508 of 27th June 1888, for the 38·44 square yards of ground, or thereabout, taken up for the improvement of Portuguese Church Street, Mahim, be increased from annas 12 to Rs. 2 per yard."

No. 6008.

*Resolved*: "That the consideration of the following be postponed till next week :—Proposal made by the Commissioner for asking the Collector of Bombay to have a test case brought before the High Court for the ejectment of tenants from Government land at Khurshedji Sookhlaji Street, now held by the Municipality from Government under a lease."

No. 6009.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 19640, dated 13th instant, sanction be given, under Section 279 of the Municipal Act III. of 1888, to the severance of water connections, as under :—

No. 6010.

| Ward. | Ward No. | Street No. | Street. | Name of owner. | Reason. | Notice served on | Remarks. |
|---|---|---|---|---|---|---|---|
| E | 6358/1, 6359, 6360, 6361, 6362, 6364, 6365, 6366, 6367, 6368, 6369. | 35, 1, 2, 8, 4, 6, 7, 8, 9, 10, & 37 | Road B ..... | The Bombay Saw Mill Company, in Liquidation. | For non-payment of Water Rate Bills, No. 5439, Rs. 28-8-0, 4th quarter, 1887-88. „ 12257, „ 8-6-8 } 1st „ 1888-89. „ 12258, „ 4 5-4 } „ 12221, „ 15-0-0, 2nd „ „ „ 13311, „ 12-0-0, 3rd „ „ Rs. 68-4-0 | ... | |
| E | ..... | 410 @ 422 | Falkland Road ..... | Nagoo Sayajee ..... | Water is used for chunam purposes..... | 6-2-89. | |
| E | 560 | 548-556 | Duncan Road ..... | Luxumon Mega ..... | Water is used for buffaloes' stable ..... | „ | |
| E | 2069 | 60-62 | Kamathipura 13th Street. | Abdul Lutiff Aboo Baker | Water is used for chunam purposes..... | „ | |
| E | 8220 | 51 | Bellasis Road ..... | Itcharam Bhugwan..... | To fix a meter as the house is pulled down... | „ | |
| D | 407—408 | 1-2 | Girgaum Road ..... | Moora Goolammea ..... | Stopcock is out of order ..... | „ | |
| D | ..... | 4 | Juggonath Sadashiv Street. | The owner or occupier ... | Service pipe is out of order..... | 9-2-89. | |
| D | ..... | 4 | Chowpatty ..... | Do. ... | Do. do. ..... | „ | |
| F | 1931 | 625 | Sewri Road ..... | Jacinto Jao Barreto ..... | Stopcock is out of order ..... | 8-2-89. | |
| G | 4359 | 919 | Bhandarwada Road... | The Manager of the Clydesdale D. & M. Company's Mill. | 6-inch main is leaking ..... | 6-2-89. | |
| G | 6285 | 174 | Dharavi Road..... | Hirjee Khimji and Dharsee Maneck. | Service pipe and bibcock are out of order ... | „ | |
| G | 6130 (1) | 19-20 | Do. ..... | Chini Ismail ..... | Taper tap is out of order, and it is required to be changed into a screw-down one ..... | „ | |
| G | 6308 | 194 | Do. ..... | Messrs. Pichai Murrakar, Mahomed Ally & Co. | Service pipe is out of order ..... | „ | |

No. 6011.

*Resolved*: "That the consideration of the following, which has been referred to the Commissioner for remarks, be postponed:—Letter, dated 7th February 1889, from Messrs. Chalk, Walker and Smetham, on behalf of Mr. Damodhar Anandji Joshey, claiming a sum of Rs. 75 as and by way of damage alleged to have been sustained by their client in consequence of the demolition of a step connected with Mr. Joshey's house and leading to the staircase thereof at Withal Wady."

No. 6012.

*Resolved*: "That the following be *recorded*:—Memorandum from the Commissioner, forwarded in accordance with Section 105 of the Bombay Act III. of 1888, containing a list of the balances due by the Corporation to the Secretary of State for India and to the Municipal security-holders on 31st December 1888, on account of loans raised from time to time:—

| PARTICULARS OF LOANS. | 1 Balance due on 31st December 1887. | 2 Amount raised in 1888. | 3 Total. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Loans raised from Government.* | | | |
| 1. Balance of the Consolidated Loan ... ... ... | 51,40,412 2 2 | ..... | 51,40,412 2 2 |
| 2. Vehar Water Works Debt ... ... ... ... ... | 29,15,595 11 8 | ..... | 29,15,595 11 8 |
| Total of Loans raised from Government... ... | 80,56,007 13 10 | ..... | 80,56,007 13 10 |
| *Loans raised from the Public.* | | | |
| 3. House Rate and Market Loans of 1867-68 ... ... | Fully invested.* | | |
| 4. New Drainage Loan of 1878 ... ... ... ... | 24,81,500 0 0 | ..... | 24,81,500 0 0 |
| 5. The Sanitary Works Loan of 1885-86 (44 lakhs) ... | 39,75,000 0 0 | ..... | 39,75,000 0 0 |
| 6. The Tansa Water Works Loan ... ... ... ... | 47,00,000 0 0 | 25,00,000 0 0 | 72,00,000 0 0 |
| 7. The Drainage and Water Works Loan of 1888 (12 lakhs) ... ... ... ... ... ... ... | 6,00,000 0 0 | 6,00,000 0 0 | 12,00,000 0 0 |
| 8. The Sanitary Works Loan of 1888 (7 lakhs) ... ... | ..... | 7,00,000 0 0 | 7,00,000 0 0 |
| 9. The Miscellaneous Works Loan of 1888 (Drainage, Water Works, Markets and Roads) ... ... ... | ..... | 2,22,000 0 0 | 2,22,000 0 0 |
| Total of Loans raised from the Public ... Rs. | 1,17,56,500 0 0 | 40,22,000 0 0 | 1,57,78,500 0 0 |
| GRAND TOTAL... Rs. | 1,98,12,507 13 10 | 40,22,000 0 0 | 2,38,34,507 13 10 |

SORABJI NAVAROJI COOPER,
Chief Accountant.

| 4 Amount repaid in 1888. | 5 Balance due on 31st December 1888. | 6 Interest paid in 1888. | 7 Total of columns Nos. 4 and 6. | Remarks. |
|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1,26,743 12 2 | 50,13,668 6 0 | 2,29,908 8 8 | 3,56,652 4 10 | |
| 61,409 1 6 | 28,54,186 10 2 | 1,13,790 14 6 | 1,75,200 0 0 | |
| 1,88,152 13 8 | 78,67,855 0 2 | 3,43,699 7 2 | 5,31,852 4 10 | |
| † 25,500 0 0 | 24,56,000 0 0 | The interest is paid direct by the Bank of Bombay when it becomes due, and is demanded by the Security-holders. | | * The total amount of the Loans raised was Rs. 17,38,000, out of which Rs. 62,500 remained unpaid on 31st December 1888, owing to the bonds being not presented for payment by the holders thereof.<br>† Bonds for Rs. 33,000 were repayable on 1st January 1888, but bonds for Rs. 25,500 only were submitted for payment during 1888. |
| ‡ 25,000 0 0 | 39,50,000 0 0 | | | ‡ These bonds were repayable on 1st July 1887, but were submitted for payment during 1888. |
| § ..... | 72,00,000 0 0 | | | § The Sinking Fund will be set apart from 1893, *i.e.*, after the completion of the works as per conditions of the loan. |
| ‖ ..... | 12,00,000 0 0 | | | ‖ These Loans were raised in 1888, and the Sinking Funds will be set apart in 1889. |
| ‖ ..... | 7,00,000 0 0 | | | |
| ¶ ..... | 2,22,000 0 0 | | | ¶ This Loan was raised at the end of 1888, and the Sinking Fund will be set apart in 1889.<br>α In order to enable the holders to draw interest on this amount from 1st January 1888, the date on which the Banks were closed on account of the New Year's Day, they elected to pay the sum on 30th December 1887. The amount, therefore, appears as a liability on 31st December 1887. |
| 50,500 0 0 | 1,57,28,000 0 0 | | | |
| 2,38,652 13 8 | 2,35,95,855 0 2 | | | |

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

No. 6013. *Resolved:* "That, as applied for by the Commissioner in his memorandum No. 19424, dated 9th instant, sanction be given to the payment, to Messrs. Macfarlane, Strang & Co., of eight pence per ton for testing the mains for Tansa Water Works with oil instead of water."

The consideration of the following was postponed:—Application for the taking up, subject to the approval of the Corporation, of land situate at the corner of Old Nagpada and Kambekar Street, belonging to Hadji Esmail Mya Saljibhoy, required for street improvement.

No. 6014. *Resolved:* "That the following be referred to the Fire Brigade Committee :—Letter, dated 7th instant, from Messrs. Cullianjee Narayenjee and other residents of Bhuleshwar, stating that there is an insufficiency of water supply there during fires, and asking that enquiries may be made into the efficiency of the Fire Brigade.

"That Messrs. Cullianjee Narayenjee be informed accordingly"

No. 6015. *Resolved :* "That, as applied for by the Commissioner in his No. 19602, dated 12th instant, sanction be given to the writing off, under Section 216 of the Act, of Rs. 16-1-7, the amount of nine irrecoverable assessment bills.

"That the Commissioner be asked to furnish a list of such bills at the end of each month."

No. 6016. *Resolved :* "That sanction be given to the acceptance, by the Commissioner, of tender from Mr. Sorabj Naoroji Musa—the lowest of three tenders—received for the supply of carts and bullocks during the year 1889-90, at the following rates :—

| | 1889-90. Rs. a. p. | | | | 1888-89. Rs. a. p. | | | 1887-88. Rs. a. p. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Bullocks, pair, complete ... | 0 | 15 | 0 | For each per diem. | 0 | 15 | 0 | 0 | 12 | 9 |
| Excess number of bullocks, pairs ..... | 1 | 2 | 0 | „ | 1 | 4 | 0 | 0 | 14 | 0 |
| Single bullock ... ..... | 0 | 9 | 6 | „ | 0 | 12 | 0 | 0 | 9 | 0 |
| Bullock carts, complete ..... | 1 | 2 | 6 | „ | 1 | 3 | 9 | 1 | 2 | 0 |
| Excess carts ..... | 1 | 8 | 0 | „ | 1 | 8 | 0 | 1 | 6 | 0 |
| Bullock carts beyond Bombay. | 2 | 0 | 0 | Exclusive of Municipal Toll Fees. | 3 | 0 | 0 | ..... | | |
| Bullock pairs beyond Bombay. | 1 | 8 | 0 | Do. do. | 1 | 8 | 0 | ..... | | |

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 12th February 1888.*

Read and *recorded* memorandum from the Municipal Commissioner, forwarding return of fires, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889. | | | | Rs. | |
| Feb. 1 | Ghorapdeo .. | A stock of bones, 30 ft. high, which was on a line with the top of the chimney. | Karim Manji. | 1,000 | Attributed to sparks from the chimney falling on the stock. |
| „ „ | Mazagon .. | A fire broke out among some logs of timber in the P. & O. Dockyard. | .... | 866 | Attributed to throwing of bidi. |
| „ 4 | 3rd Bhoiwada. | A fire broke out in storied house which was burnt down with property belonging to occupants. | Rambai .. | 28,000 | Not known. |
| „ 6 | Walkeshwar .. | A cudjan hut in the compound of the Government House took fire and was at once extinguished. | Government | .... | Attributed to sparks from the cook-house. |
| „ „ | Clerk Road .. | The fire was first seen among the loose grass in front of the stacks; extended towards the hay stacks which were burnt down. | .... | 1,20,000 | Not known. |
| „ „ | Bellasis Road.. | There was caste feast in a house and probably cowdung bamboo wall behind the fire place got ignited and set fire to a quantity of cocoanuts and chillies in the next room, the house was completely gutted and scarcely anything was saved, adjoining these houses caught fire and were partially destroyed. | Jagjivan Dayaram, HajiSaheb Mahomed Tar Mahomed. | 11,430 | Attributed to the cowdung and bamboo wall behind the fire place catching fire. |

BOMBAY, 20*th February* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 13th instant were signed.

* *See* Appendix **B**.

The seal of the Corporation was affixed to deeds of conveyance—

No. 6061. From Messrs. Haji Mizula bin Hamedula and Haji Nur Mahomed bin Haji Mizula, of ground taken up for the improvement line of Sivri Road.

No. 6062. From Mr. Khatri Shamji Megji, of ground taken up for the improvement line of street at Nos. 102 and 106 at the junction of Memonwada Street and Nagdevi Cross Road. (The Executive Engineer, in his letter No. 13981-B, dated 18th February 1889, to the Municipal Commissioner, states that 41·47 square yards [11·83 square yards at Memonwada Street and 29·64 square yards at Nagdevi Cross Road] of ground only were taken up in this case, being 2·19 square yards less than the area, 43·66 square yards, sanctioned by the Council, on the 8th February 1888 ; and that Mr. Khatri Shamji Megji is the proper person to receive compensation in this case, not Mr. Shamji Megji in whose name sanction to the taking up of the ground was given by the Council on the 8th February 1888.)

No. 6063. The seal was affixed to deed of contract with Messrs. Bhomajee Shivajee & Co., for the construction of a storm-water drain from Parel Road to Shepherd Road.

No. 6064. *Resolved* : " That the following be *recorded* :—Memorandum No. 19942, dated 18th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 2,78,506-14-9 from the Municipal Building Fund, and other deposit accounts to the Municipal General Fund pass book, on the 11th, 13th, 14th and 15th instant."

Read memorandum No. 19568, dated 12th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act of 1888, to the removal of the shed specified in letter to himself from the Acting Executive Engineer, No. 13567-B, dated 8th idem.

No. 6065. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 19568, dated 12th instant, sanction be given to the demolition of shed built on the Port Trust Estate, Mazagon, by Mr. Wagjee Canjee,"

No. 6066. *Resolved:* "That, as recommended by the Commissioner in his memorandum No. 19812, dated 5th instant, the rate of compensation fixed by the late Town Council in their Resolution No. 650, dated 11th August 1886, for the 201·86 square yards, or thereabout, of ground taken up for the improvement of Walkeshwar Road, be increased from Rs. 3 to Rs. 8 per yard."

"That the payment of interest asked for by the owners of the said ground be refused."

No. 6067. *Resolved:* "That sanction be given, under Section 172 of the Municipal Act, to the charging of Rs. 34-8-0 per month, from 1st March 1889, for special halalkhor service to Albion Place."

No. 6068. *Resolved:* "That sanction be given, under Section 172 of the Municipal Act, to the charging of Rs. 74-6-0 per month from 1st instant, for special halalkhor service to the Jamsetjee Nasserwanjee Petit Parsee Orphanage at Lalbagh."

On the motion of Major Selby, it was agreed that the proposals made by the Commissioner, in his memorandum No. 20070, dated this day, regarding the levy of license fees under the Municipal Act, be printed and circulated and brought on for consideration at the next meeting.

Read letter No. 20080, dated 20th instant, from the Municipal Commissioner to the Municipal Secretary, as under:—

SIR,—With reference to the Resolution of the Corporation No. 5445, dated 10th December last, I have the honor to state that I find, on a reference to the Mint Master, that some of the old standard measures received from the Commissioner of Police are quite useless for the purpose of verification, and I have accordingly returned them. I therefore request the Standing Committee to recommend the Corporation to sanction a further expenditure of Rs. 1,500 to provide new standard measures as per list and estimate attached.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

A ROUGH ESTIMATE FOR 38 STANDARD MEASURES.

| Nos. | Description. | | |
|---|---|---|---|
| 1. | Brass, furra measure ... ... ... ... | Rs. | 350 |
| 1. | Furry, chunam measure ... ... ... ... | | |
| | BRASS MILK MEASURES. | | |
| 1. | ½ Half maund's measure ... ... ... ... | Rs. | 150 |
| 1. | 10 Ten seers' measure ... ... ... ... | | |
| 1. | 1 One seer do. ... ... ... ... | | |
| 1. | ½ Half seer do. ... ... ... ... | | |
| 1. | ¼ Quarter seer do. ... ... ... ... | | |
| | Carried over ... | Rs. | 500 |

| | | | | |
|---|---|---|---|---|
| | | Brought forward ... | Rs. | 500 |
| | | **Copper Liquor Measures.** | | |
| 1. | 10 | Ten seers' measures ... ... ... ... | Rs. | 90 |
| 1. | 5 | Five seers' do. ... ... ... ... | | |
| 7. | | Copper gallon measures from 1 gallon to ½ dram. | Rs. | 140 |
| | | **Grain Measures, with Handles.** | | |
| 1. | 1 | One pylee measure ... ... ... ... | Rs. | 100 |
| 1. | 1 | One seer do. ... ... ... ... | | |
| 1. | ½ | Half seer do. ... ... ... ... | | |
| 1. | ¼ | Quarter seer do. ... ... ... ... | | |
| 1. | ⅛ | One-eighth seer do. ... ... ... ... | | |
| | | **Copper Liquor Measures, Country.** | | |
| 1. | 2 | Two seers' measure ... ... ... ... | Rs. | 90 |
| 1. | 1 | One seer do. ... ... ... ... | | |
| 1. | ½ | Half seer do. ... ... ... ... | | |
| 1. | ¼ | Quarter seer do. ... ... ... ... | | |
| 1. | ⅛ | One-eighth seer do. ... ... ... ... | | |
| | | **Copper Measures for Oil.** | | |
| 1. | 1 | One maund measure ... ... ... ... | Rs. | 160 |
| 1. | ½ | Half maund do. ... ... ... ... | | |
| 1. | ¼ | Quarter maund do. ... ... ... ... | | |
| 1. | 5 | Five seers' measure ... ... ... ... | | |
| 1. | 1 | One seer do. ... ... ... ... | | |
| 1. | ½ | Half seer do. ... ... ... ... | | |
| 1. | ¼ | Quarter seer do. ... ... ... ... | | |
| | | **Grain Brass Measures.** | | |
| 1. | 1 | One pylee measure ... ... ... ... | Rs. | 120 |
| 1. | ½ | Half pylee do. ... ... ... ... | | |
| 1. | 1 | One seer do. ... ... ... ... | | |
| 1. | ½ | Half seer do. ... ... ... ... | | |
| 1. | ¼ | Quarter seer do. ... ... ... ... | | |
| | | Total ... | Rs. | 1,200† |

The estimate does not include the cost of boxes, but I would strongly advise your having them all neatly arranged in boxes to prevent their either being knocked about or tampered with. I cannot provide you with glass strikes which are absolutely necessary where accuracy is aimed at, but I will arrange for procuring them from England if you wish it.

Each set of measure should have its own set of strikes properly placed, as far as possible in the same box, and if your standard weights are also boxed, the standards for this city might be located in a special room in the Crawford Market in a manner befitting such an important matter.

It is certainly surprising that a great city like this should have such an extremely imperfect set of standards as those I have received from you; with one or two exceptions, it should be impossible to measure anything in them with any approach to accuracy.—J. H. WHITE, Major-General, R.E., Mint Master.

Note.—† If boxes and strikes are included, the cost may be put down at Rs. 1,500.

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That, as applied for by the Commissioner in his letter No. 20080, dated 20th instant, the Corporation be recommended to sanction a further expenditure of Rs.1,500 to provide new standard measures as per list forwarded therewith, in lieu of some of those received from the Commissioner of Police, and returned to him as they were pronounced quite useless for the purpose of verification."

No. 6069.

*Carried.*

It was agreed that letter No. 19645, dated this day, from the Commissioner, regarding the Victoria Gardens and the maintenance of the zoological collection therein, be printed and circulated, and brought on for consideration at the next meeting.

No. 6070.

Proposed by Cowasjee Hormusjee, Esq., seconded by Dosabhai Framjee, Esq.—

"That, as proposed by the Commissioner in his letter No. 19644, dated 13th instant, the Corporation be recommended to sanction, under Section 296 of the Municipal Act III. of 1888, the acquisition of a property measuring 173·48 square yards, or thereabout, situate at the corner of old Nagpada and Kambaker Street, belonging to Haji Esmail Meya Saljibhoy, and required for street improvement thereat."

No. 6071.

*Carried.*

Read letter No. 19639, dated 13th instant, from the Commissioner, reporting on the subject of Government land in Kharshedji Suklaji Street held on lease by the Municipality.

After discussion, it was agreed to postpone further consideration of this question until next week.

*Resolved:* "That the consideration of the following, which has been referred to the Commissioner for remarks, be postponed and that the applicant be informed accordingly :—Letter, dated 18th instant, from Mr. John Campbell, F.R.I., B.A. & M.S.A., asking whether any conclusion has been arrived at, with reference to the erection of proposed new market in Mugbhat Lane, respecting which he first wrote on 5th ultimo."

No. 6072.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20076, dated 20th instant, sanction be given, under Section 279 of the Municipal Act III. of 1888, to the severance of water connections as under :—

No. 6073.

| Ward. | Ward No. | Street No. | Street. | Owner. | Reason. | Notice served on |
|---|---|---|---|---|---|---|
| B | 3018 | 354-356 | Samuel Street ..... | Kuvarbai, widow of Vardman Nensi. | Water is used for a livery stable... | 14-2-89 |
| B | 4009 | 144-146 | 2nd Nowroji Hill Road..... | Narrayen Gunputrao ..... | Water is allowed to outsiders and run to waste. | 14-2-89 |
| B | 3961 | 75 & 37-49 | 2nd Nowroji Hill Road and 2nd Nowroji Hill Row | Esu Vulud Bapu Huzar ... | Water is allowed to outsiders and run to waste and as well as in Ward No. 4073. | 14-2-89 |
| G | 2412 1 to 4 | 2-2A, 2B, 2C & 200 | Currey Road..... | Sumbhuji Mullooji..... | Water is allowed to run to waste... | 15-2-89 |
| F | 341 | 98 | Elphinstone Road ..... | NurrotumdassHurjiwandass | Service pipe is out of order ..... | 15-2-89 |
| F | 373 | 6 | Do. ..... | Jehangirji Hormusji ..... | Stopcock is out of order ..... | 15-2-89 |
| F | 324 | 81 | Do. ..... | Manickji Heerjibhoy ..... | Requires a stopcock box on road... | 15-2-89 |
| F | 374 | 7 | Do. ..... | Jetha Wisram ..... | Bibcock is out of order ..... | 15-2-89 |
| F | 366 | 123 | Do. ..... | Hurry Darkuji..... .. ..... | Do. do. ..... | 15-2-89 |
| F | 966 | 326 | Bhoewady † Road ..... | Merwanji Cursetji ..... | Service pipe is out of order ..... | 15-2-89 |
| F | 3686-88 | 927-929 | Wadalla Village ..... | Jeeloo Luxoomon Thacoor... | Stopcock is out of order ..... | 15-2-89 |
| G | 1856 | 851A | DeLisle Road ..... .. | Koombar Wagha Curson .. | One inch meter (private) is out of order. | 15-2-89 |
| G | 3460 | 924 | Elphinstone Road ..... | Koombar Vira Narrayen ... | Stopcock is out of order..... | 15-2-89 |
| G | 4761 | 90 | Mahim Bazar Road ..... | The Superintendent Orphanage, Mahim. | Sluice valve on the service pipe is leaking. | 15-2-89 |
| G | 2412 | 2-2A, 2B, 2C & 200 | Currey Road..... ..... | Sumbhaji Mullooji ..... | Bibcock is out of order ..... | 15-2-89 |

The consideration of the following was postponed until next meeting :—

Resolution No. 5296, of the Corporation, as under :—That letter No. 13562, dated 30th October 1888, from the Acting Municipal Commissioner, regarding the districts of the city which most urgently require to be sewered be referred to the Standing Committee for favour of remarks.

*Ordered :* " That the following be laid on the table :—

No. 6074. Letter, dated 18th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, stating that they have audited the weekly statements of receipts and disbursements of each week for January last and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 19th February 1888.*

Read and *recorded* memorandum from the Municipal Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| | | | | Rs. | |
| 1889. 11th Feb. | Mahim .. | A fire broke out in a jowli hut, and the surrounding toddy trees and the hut were destroyed. | J. F. Fernandez. | 260 | Attributed to careless cooking. |
| " " | Harbour.. | Some bales of hemp on board a Matchwa called " Sakri " were on fire, but the fire was at once extinguished. | ..... | 5 | It is supposed that a spark must have been blown on to the bales from the neighbouring boat on which rivets were being heated. |

* See Appendix B.

Read letter, dated 19th instant, from Messrs. Merwanjee and Byramjee, as under:—

SIR,—With reference to your sale to the Bank of Bengal of Rs. 23,22,000 Four per cent. Government Paper for delivery as follows:—

| | | | |
|---|---|---|---|
| Rs. 5,00,000 | on | 5th March | —2 lakhs at Rs. 99-12-3, 3 lakhs at Rs. 99-4-0. |
| „ 4,00,000 | „ | 5th April | —at Rs. 99-4-0. |
| „ 7,22,000 | „ | 10th „ | —5 lakhs at Rs. 98, balance at Rs. 98-12-0. |
| „ 3,00,000 | „ | 5th May | —at Rs. 99-4-0. |
| „ 4,00,000 | „ | 10th „ | — „ 98-0-0. |
| Rs. 23,22,000 | | | |

we are authorised to propose to you that if you will give up all this Government Paper at once and recover cost as above with interests up to date of delivery, the Bank is willing to hand over to you in substitution, Rs. 23,22,000 Five per cent. Bombay Municipal debentures at par, and take them back at the same price clear of brokerage on the dates on which the sales of Government Paper fall due, namely:—

Rs. 5,00,000 on 5th March.
„ 4,00,000 on 5th April.
„ 7,22,000 on 10th „
„ 3,00,000 on 5th May.
„ 4,00,000 on 10th „

the Bank allowing you the interest accruing on the debentures for the period. By this arrangement you will get 5 per cent. interest instead of 4 per cent. as at present.

If you agree to the above proposal, the Bank is prepared to give you $\frac{1}{16}$th per cent. on account of withdrawal fee.

This proposal is made subject to reply to-morrow evening.

Read also memorandum No. 20077, dated 20th instant, as follows:—

Submitted to the Standing Committee. I think the substitution should be allowed. It will result in a saving of about Rs. 3,000 in our favour.

E. C. K. OLLIVANT.

Proposed by the Hon'ble Mr. Rahimtula Mahomed Sayani, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the proposal contained in Messrs. Merwanjee and Byramjee's letter of the 19th instant be declined."

*Amendment*, moved by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

"That sanction be given to the offer of the Bank of Bengal, made through Messrs. Merwanjee and Byramjee, to the following arrangements :—

No. 6075.

"That the Corporation deliver up forthwith to the Bank of Bengal Rs. 23,22,000 of Government 4 per cent. paper as per margin in lieu of 5 per cent. Municipal bonds for Rs. 23,22,000 at par. The Municipal bonds to be taken back by the Bank at the same price clear of brokerage and Bombay Bank's withdrawal charges, on the dates on which the above Government paper was to be delivered to the Municipality, *viz.* :—

| | | | | | | |
|---|---|---|---|---|---|---|
| Rs. 5,00,000 on 5th March | 2 | lakhs | at | Rs. | 99 | 12 | 0 |
| „ 4,00,000 „ 5th April | 3 | „ | „ | „ | 99 | 4 | 0 |
| „ 7,22,000 „ 10th „ | | | „ | „ | 99 | 4 | 0 |
| „ 3,00,000 „ 5th May | 5 | „ | „ | „ | 98 | 0 | 0 |
| „ 4,00,000 „ 10th „ | Balance | | „ | „ | 98 | 12 | 0 |
| | | | „ | „ | 99 | 4 | 0 |
| Rs. 23,22,000 | | | „ | „ | 98 | 0 | 0 |

Rs. 5,00,000 on 5th March.
„ 4,00,000 on 5th April.
„ 7,22,000 on 10th „
„ 3,00,000 on 5th May.
„ 4,00,000 on 10th „

"The Municipality will thereby realize an extra 1 per cent. interest from date to the above due date, aggregating about Rs. 3,000."

On a division, there were 3 votes *for* and 8 *against* the original motion, which was *lost*. There were 8 votes *for* and 3 *against* the amendment, which was *carried* as the substantive proposition.

The Hon'ble Mr. R. M. Sayani wished to record his protest against the Resolution thus passed on the ground of the questionable legality of the proceeding.

Sir Henry Morland raised the point of order that the question of the legality of the proceeding should have been stated before the vote was taken.

A proposal made by Muncherjee N. Banajee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., for making the carrying out of the arrangement with Bank of Bengal dependent on the result of legal opinion, was negatived by 4 votes *against* 3.

The further consideration of the Budget estimates of the Joint Schools Committee was postponed until next week.

BOMBAY, 27*th February* 1889.

AT the meeting of the Standing Committee held this day, there were present:

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the EXECUTIVE ENGINEER, Tansa Water Works; the HEALTH OFFICER; the DEPUTY EXECUTIVE ENGINEER, Water Works; the Chief ACCOUNTANT and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 20th instant were signed.

The consideration of the amended Budget Estimates of the Joint Schools Committee was proceeded with.

Read the following letter, dated 18th February 1889, from Messrs. Crawford and Buckland, to the Municipal Commissioner :—

SIR,—At the recent interview which our Mr. Crawford had with you, you desired that we should consider and advise you as to the status generally of officers and servants subordinate to or to be appointed by the Joint Schools Committee, and particularly as to their position in reference to the retirement or pension fund.

The provisions of the present Municipal Act bearing upon this subject are to be found in Sections 39, 61 (*q*), 79, 80, 81, 82, 120, and 461.

The officers and servants whose status we have to consider fall under two classes, *viz.* :—

(*a.*) The Secretary to the Committee, and the clerks and messengers necessary to be employed in connection with its administrative work; and

(*b.*) The masters, teachers, and other persons employed in the primary schools maintained out of the school fund.

Those under class (*a*) are, by the provisions of Sub-section (6) of Section 39, to be provided by the Corporation for the Joint Schools Committee, while the appointment and removal of those under class (*b*) are, by Sub-section (9) of the same section, expressly vested in the Committee itself, subject to by-laws duly made under Section 461, and to rules made or approved by Government.

The question then which arises is :—Are all or any of these persons, "Municipal officers or servants" within the meaning of Section 81?

The distinction drawn by Sub-sections (6) and (9) of Section 39 above referred to between the two classes is somewhat marked. There might have been some doubt on the language of Sub-section (6), if read alone, as to whether the expression "provided" meant more than that the Corporation should provide for the pay of the officers and servants mentioned, but when read with Sub-section (9) it becomes evident, we think, that the appointment of officers and servants of class (*a*) is not intended like those of class (*b*) to rest with the Joint Schools Committee, but that the Corporation are to provide the actual officers and servants themselves. If this be so, it follows apparently that their appointment will rest with the Commissioner under Section 82 and their salaries will, we think, be payable out of the Municipal fund as distinguished from the school fund constituted under Section 120, they must in fact, in our opinion, be regarded in all respects as Municipal officers and servants, but we are inclined to think that their designations, &c., under the Joint Schools Committee need not necessarily be included in the Schedule to be brought before the Standing Committee for sanction under Section 79 for, in so far as regards their services under the Joint Schools Committee, they can hardly be said to be permanent officers or servants "entertained in any departments of the Municipal administration" within the meaning of Section 80.

As regards officers and servants under class (*b*), on the other hand their appointment will rest so exclusively with the Joint Schools Committee and their salaries, &c., will be so exclusively payable out of the school fund to be administered by it that, having regard to the constitution of that Committee, we do not consider they can be held to be Municipal officers and servants at all, or that the provisions of Section 81 (*f*) can be held applicable to them. It is true, no doubt, that under clause (*w*) of Section 461 the Corporation may make by-laws for (*inter-alia*) regulating the functions assigned to the Joint Schools Committee under Sub-section (9) of Section 39 (namely, in regard to the appointment and removal of persons coming within the class now under consideration), as well as for regulating the administration by the said Committee of the school fund under Sub-section (7) of the same Section, and can thus exercise a certain amount of control and supervision over the Committee in these matters; but such by-laws, if made, must be consistent with the Act, and though they may control, cannot, we think, deprive the Committee of the power of appointment and selection which is vested in them by Section 39 (9) and which is not, in our opinion, dependent on the existence of such by-laws, the power and duties with which the Joint Schools Committee may be invested, by by-law under Sub-section (10) of Section 39, coupled with

Section 461, being powers and duties other than those already vested in such Committee by the Act.

To sum up therefore, it appears to us that the Secretary to the Joint Schools Committee and its clerks and messengers, provided under Sub-section (6) of Section 39 will be Municipal officers and servants, and will be subject to any regulations for the time being in force under Section 81, but that the masters, teachers and other persons employed in the primary schools and appointed under Sub-section (9) of Section 39 will not.—We have, &c.,

CRAWFORD & BUCKLAND.

Proposed by Sir Henry Morland, seconded by Cowasjee Hormusjee, Esq.—

No. 6099. "That the estimates of the income and expenditure of the Joint Schools Committee for the year 1889-90, exclusive of the amount of the pay of the Secretary and his establishment, be passed at Rs. 1,06,899-6-8 as per details attached, and that the same be submitted to the Corporation for approval and sanction."

*Carried.*

# STATEMENT No. 1.

## SCHOOL FUND, 1889-90.

## Budget Estimate of the Joint Schools Committee for the year 1889-90.

| INCOME. | Amount. | | | EXPENDITURE. | Amount. | | |
|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | | Rs. | a. | p. |
| Unexpended Balance ... ... ... ... ... ... | 9,609 | 6 | 8 | Marathi Schools ... ... ... ... ... ... ... | 35,966 | 0 | 0 |
| Provincial Grant ... ... ... ... ... ... ... | 16,000 | 0 | 0 | Guzerathi Schools... ... ... ... ... ... ... | 35,734 | 0 | 0 |
| Grants-in-aid ... ... ... ... ... ... ... | 15,000 | 0 | 0 | Anjuman-i-Islam Schools ... ... ... ... ... | 5,000 | 0 | 0 |
| School Fees ... ... ... ... ... ... ... ... | 22,500 | 0 | 0 | Grants-in-aid to Primary Schools ... ... ... ... | 15,000 | 0 | 0 |
| Municipal Contribution ... ... ... ... ... ... | *31,374 | 0 | 0 | Inspector's Establishment ... ... ... ... ... | 3,060 | 0 | 0 |
| Interest on Funded Capital ... ... ... ... ... | 600 | 0 | 0 | | | | |
| Additional Municipal Contribution required— | | | | Working balance ... ... ... ... ... ... ... | 12,139 | 6 | 8 |
| 1 To balance Income with Expenditure and Working Balance ... ... ... ... ... ... ... | *11,816 | 0 | 0 | | | | |
| Total...Rs. | 1,06,899 | 6 | 8 | Total...Rs. | 1,06,899 | 6 | 8 |

THOMAS BLANEY, *Chairman.*
K. T. TELANG,
GHANASHAM NILKANTH NADKARNI,
ABDULLA M. DHARAMSI,
GRATTAN GEARY,
NOWROJEE N. WADIA,
VARAJRAI SANTOKRAI DESAI,
} Members, Joint Schools Committee.

JOINT SCHOOLS COMMITTEE'S OFFICE,

BOMBAY, *January* 1889.

*Note by the Municipal Secretary*—* These grants are in addition to the Rs. 7,134-0-0 contained in statements Nos. 2 and 3, wholly chargeable to the Municipality.

# STATEMENT No. 2.

## ESTIMATE of the Establishment of the Joint Schools Committee for the year 1889-90.

| No. | Establishment. | Amount per mensem. | Pension Contribution. | Total. | Amount per annum. |
|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Secretary ... ... ... ... ... ... ... ... ... ... ... | 250 0 0 | ..... | 250 0 0 | 3,000 0 0 |
| 2 | Clerks, at Rs. 30 each ... ... ... ... ... ... ... ... ... | 60 0 0 | 6 0 0 | 66 0 0 | 792 0 0 |
| 2 | Peons, at Rs. 10 each ... ... ... ... ... ... ... ... ... | 20 0 0 | ..... | 20 0 0 | 240 0 0 |
| | Stationery, Stamps and Contingencies... ... ... ... ... ... ... | 20 0 0 | ..... | 20 0 0 | 240 0 0 |
| | Office Rent .. ... ... ... ... ... ... ... ... ... ... | 100 0 0 | ..... | 100 0 0 | 1,200 0 0 |
| | Furniture ... ... ... ... ... ... ... ... ... ... ... | ..... | ..... | 750 0 0 | 750 0 0 |
| | Total...Rs. | 450 0 0 | 6 0 0 | 1,206 0 0 | 6,222 0 0 |

THOMAS BLANEY, *Chairman.*
K. T. TELANG.
GHANASHAM NILKANTH NADKARNI.
ABDULLA M. DHARAMSI.
GRATTAN GEARY.
NOWROJEE N. WADIA.
VARAJRAI SANTOKRAI DESAI.

## STATEMENT No. 3.

ESTIMATE of Establishment of the Joint Schools Committee for the months of February and March 1889.

| No. | Establishment. | Amount per mensem. | Pension Contribution. | Total. | Amount for 2 months. |
|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Secretary .. ... ... ... ... ... ... ... ... ... ... | 250 0 0 | ..... | 250 0 0 | 500 0 0 |
| 2 | Clerks, at Rs. 30 each ... ... ... ... ... ... ... ... ... | 60 0 0 | 6 0 0 | 66 0 0 | 132 0 0 |
| 2 | Peons, at Rs. 10 each ... ... ... ... ... ... ... ... ... | 20 0 0 | ..... | 20 0 0 | 40 0 0 |
| | Stationery, Stamps and Contingencies ... ... ... ... ... ... | 20 0 0 | ..... | 20 0 0 | 40 0 0 |
| | Office Rent... ... ... ... ... ... ... ... ... ... ... | 100 0 0 | ..... | 100 0 0 | 200 0 0 |
| | Total...Rs. | 450 0 0 | 6 0 0 | 456 0 0 | 912 0 0 |

THOMAS BLANEY, *Chairman.*
K. T. TELANG.
GHANASHAM NILKANTH NADKARNI.
ABDULLA M. DHARAMSI.
GRATTAN GEARY.
NOWROJEE N. WADIA.
VARAJRAI SANTOKRAI DESAI.

# STATEMENT No. 4.

## Marathi Schools.

## BUDGET STATEMENT for the Primary Marathi Schools, Bombay, for the year 1889-90.

| No. | Object of Expenditure. | Budget Estimate for the year 1889-90. | Sanctioned amount for the year 1888-89. | Increase for the year 1889-90. | Decrease for the year 1889-90. |
|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | Assignment to Schools, Primary— | | | | |
| 1 | 1 Sanctioned pay of the existing Masters and additional Masters entertained in 1888-89 ... ... ... ... ... ... Rs. 22,590 | ..... | 22,590 0 0 | ..... | ..... |
| | 2 Increase of pay to Masters ... ... ... ... ... ... ,, 576 | ..... | *Nil* | *b* 576 0 0 | ..... |
| | 3 Do. allowance to Masters ... ... ... ... ... ... ,, *Nil* | ..... | *Nil* | ..... | ..... |
| | 4 New Assistant Masters to Schools... ... ... ... ... ... ,, 480 | ..... | ..... | *a* 480 0 0 | ..... |
| | 5 Existing Rent ... ... ... ... ... ... ... ... ,, 8,170 | ..... | 8,170 0 0 | ..... | ..... |
| | 6 Existing Contingencies ... ... ... ... ... ... ... ,, 670 | ..... | 670 0 0 | ..... | ..... |
| | 7 Additional Contingencies ... ... ... ... ... ... ... ,, *Nil* | ..... | *Nil* | ..... | ..... |
| | | 32,486 0 0 | 31,430 0 0 | 1,056 0 0 | ..... |
| 2 | Pension Contribution ... ... ... ... ... ... ... ... ... ... | 1,800 0 0 | 900 0 0 | *a*300+*b*600 0 0 | ..... |
| 3 | Scholarship in the Poona Training College ... ... ... ... ... ... | 360 0 0 | 360 0 0 | ..... | ..... |
| 4 | Do. in the Female do. ... ... ... ... ... ... | 100 0 0 | 100 0 0 | ..... | ..... |
| 5 | Prizes ... ... ... ... ... ... ... ... ... ... ... | 300 0 0 | 300 0 0 | ..... | ..... |
| 6 | Contingencies ... ... ... ... ... ... ... ... ... ... | 100 0 0 | 100 0 0 | ..... | ..... |
| 7 | Books for old Schools ... ... ... ... ... ... ... ... ... | 80 0 0 | 80 0 0 | ..... | ..... |
| 8 | Do. new Schools ... ... ... ... ... ... ... ... ... | *Nil* | *Nil* | ..... | ..... |
| 9 | Furniture to old Schools ... ... ... ... ... ... ... ... ... | 450 0 0 | 450 0 0 | ..... | ..... |
| 10 | Do. new Schools ... ... ... ... ... ... ... ... ... | *Nil* | *Nil* | ..... | ..... |
| 11 | Repairs of Government Buildings ... ... ... ... ... ... ... ... | 280 0 0 | 280 0 0 | ..... | ..... |
| 12 | Postage Stamps ... ... ... ... ... ... ... ... ... | 10 0 0 | 10 0 0 | ..... | ..... |
| 13 | Clerk in the Accountant-General's Office ... ... ... ... ... ... | ..... | 30 0 0 | ..... | *b* 30 0 0 |
| | Total...Rs. | 35,966 0 0 | 34,040 0 0 | 1,956 0 0 | 30 0 0 |

# STATEMENT No. 5.

## Guzerati Schools.

BUDGET STATEMENT for the Primary Guzerati Schools, Bombay, for the year 1889-90.

| No. | Object of Expenditure. | | Budget Estimate for the year 1889-90. | Sanctioned amount for the year 1888-89. | Increase for the year 1889-90. | Decrease for the year 1889-90. |
|---|---|---|---|---|---|---|
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Assignment to Schools, Primary— | | | | | |
| | 1 Sanctioned pay of Masters | Rs. 20,000 | ..... | 20,000 0 0 | ..... | ..... |
| | 2 Increase to Masters | „ 760 | ..... | ..... | *a*760 0 0 | ..... |
| | 3 Do. of allowance to Masters | „ *Nil* | ..... | ..... | ..... | ..... |
| | 4 New Assistant Masters to Schools | „ 480 | ..... | ..... | *a*240+*b*240 0 0 | ..... |
| | 5 Existing Rent | „ 10,760 | ..... | 10,920 0 0 | ..... | *b* 160 0 0 |
| | 6 Additional Rent | „ *Nil* | ..... | ..... | ..... | ..... |
| | 7 Existing Contingencies | „ 810 | ..... | 810 0 0 | ..... | ..... |
| | 8 Additional Contingencies | „ *Nil* | ..... | ..... | ..... | ..... |
| | | | 32,810 0 0 | 31,730 0 0 | 1,240 0 0 | |
| 2 | Pension Contribution | | 1,684 0 0 | 750 0 0 | *a*474+*b*460 0 0 | ..... |
| 3 | Scholarship in the Ahmedabad Training College | | 360 0 0 | 360 0 0 | ..... | ..... |
| 4 | Prizes | | 350 0 0 | 350 0 0 | ..... | ..... |
| 5 | Contingencies | | 100 0 0 | 100 0 0 | ..... | ..... |
| 6 | Books for old Schools | | 120 0 0 | 120 0 0 | ..... | ..... |
| 7 | Furniture for old Schools | | 300 0 0 | 300 0 0 | ..... | ..... |
| 8 | Postage Stamps | | 10 0 0 | 10 0 0 | ..... | ..... |
| 9 | Clerks in the Accountant-General's Office | | ..... | 30 0 0 | ..... | *b* 30 0 0 |
| | | Total...Rs. | 35,734 0 0 | 33,750 0 0 | 2,174 0 0 | 190 0 0 |

# STATEMENT No. 6.

## ESTIMATE of the Inspectors' Establishment of the Joint Schools Committee for the year 1889-90.

| No. | Establishment. | Amount per mensem. | Pension Contribution. | Total. | Amount per annum. |
|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2 | Inspectors, each Rs. 75 ... ... ... ... ... ... ... ... ... | 150 0 0 | 15 0 0 | 165 0 0 | 1,980 0 0 |
| | Travelling allowance for 2 Inspectors, Rs. 25 each ... ... ... ... | 50 0 0 | ..... | 50 0 0 | 600 0 0 |
| | | | | | 2,580 0 0 |
| 2 | Peons ... ... ... ... ... ... ... ... .. ... ... | 20 0 0 | ..... | 20 0 0 | 240 0 0 |
| | Stationery, Stamps and Contingencies ... ... ... ... ... ... ... | 20 0 0 | ..... | 20 0 0 | 240 0 0 |
| | Total...Rs. | 240 0 0 | 15 0 0 | 255 0 0 | 3,060 0 0 |

THOMAS BLANEY, *Chairman.*

*Note by the Municipal Secretary.*—In the above estimates the following alterations have been made by the Standing Committee in the proposals of the Joint Schools Committee :—

*Statement* No. 1.—The grant for the expenditure on Marathi Schools has been reduced from Rs. 36,566 to Rs. 35,966 by striking out Rs. 600 for additional rent.

The grant for the Inspector's establishment has been similarly reduced from Rs. 5,760 to Rs. 3,060, the Standing Committee having provided for the pay, travelling allowance and pension contribution of the 2 Inspectors as follows : pay Rs. 75 per mensem each, travelling allowance ditto Rs. 25, pension contribution ditto Rs. 7-8-0 each ditto : total per annum Rs. 2,580, instead of Rs. 5,280 as entered by the Joint Schools Committee. As the income has been left at the figures originally entered the working balance has thus been increased to Rs. 12,139-6-8.

*Statement* No. 2.—The pension contribution of the Secretary, Rs. 300 per annum, has been struck out, and the estimate of Rs. 150 per mensem for office rent reduced to Rs. 100.

The alterations in statements Nos. 4 and 6 have been explained above.

The seal was affixed to deed of contract with Messrs. Bhomajee Shivajee & Co., for the construction of a road on the west side of the Mahaluxmi Railway station to connect Haines Road with Clerk Road.

No. 7000.

The seal was affixed to two agreements with Messrs. Bhau Raghunath and Ratansee Premjee for the supply of hay and gram, respectively, for the year 1889-90.

No. 7001.

The seal was also affixed to 83 renewals of Debentures of the Bombay (Municipal) Drainage Loan (of 1878) Nos. 925—944, 1023—1027, 1169—1172, 1251—1584, 2286—2295, 2439—2478, 2605—2606, of the aggregate value of Rs. 41,500.

*Resolved* : "That the following be *recorded* :—

"Memorandum No. 20337, dated 26th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the 12 lakhs Drainage and Water Works Loan Deposit Account to the Municipal General Fund pass book, on the 23rd instant."

No. 7002.

The following was *withdrawn* for the present by the Commissioner :—

Memorandum from the Commissioner, requesting sanction, under Section 172 of the Municipal Act, to the charging of Rs. 34-8-0 per month, from 8th February 1889, for special halalkhor service to the Victoria Jubilee Technical Institute, Chinchpoogly.

Read memorandum No. 20070, dated 20th February 1889, from the Municipal Commissioner to the Municipal Secretary, as under :—

The accompanying proposals for License Fees to be levied under Section 479 of the City of Bombay Municipal Act, 1888, for using premises for purposes mentioned in Section 394, are forwarded to the Municipal Secretary. The Schedule has been prepared in consultation with the Health Officer and the Solicitors. It is desirable that the Fees should be determined without delay, in order that the Licenses may be issued by the beginning of the financial year.

Proposed by Colonel Merewether, seconded by Sir Henry Morland—

"That, as proposed by the Commissioner, the Corporation be recommended to sanction the levy of the following fees to be charged under Section 479 of the City of Bombay Municipal Act for the use of premises for purposes mentioned in Section 394 of the same :—

No. 7003.

| *Under Section 479 of the City of Bombay Municipal Act, 1888, the Commissioner proposes, subject to the sanction of the Corporation, to fix the following Fees for Licenses to be granted by him under Section 394 of the said Act, for using premises for the several purposes in the said Section mentioned.* | | *Under the old Act, Fees were charged as follows :—* | | |
|---|---|---|---|---|
| Purpose for which License is granted for using premises. | Amount of License Fee to be charged. | Purpose of License. | Amount of Fee. | REMARKS. |
| | | | Rs. | |
| Casting Metals ... ... ... ... ... | Not less than Rs. 5 and more than Rs. 50, at the discretion of the Commissioner. | New. | | According to the class of premises and extent of business. |
| Manufacturing Bricks ... ... ... ... | Rs. 5. | Brick Kiln ... | 15 | Health Officer says that he agrees with the Magistrates in thinking that the old scale of fees was unduly high. |
| Do. Tiles ... ... ... ... | „ 5. | Tile Kiln ... | 10 | |
| Packing, pressing, cleansing, preparing, or manufacturing by any process whatever— | | | | |
| Cloths in Indigo ... ... ... ... | „ 20. | Indigo Dyeing House. | 20 | |
| Cloths in other colours ... ... ... | „ 5. | Other Colours House. | 5 | |
| Paper... ... ... ... ... ... | „ 15. | New. | | |
| Pottery ... ... ... ... ... | „ 5. | Pottery ... ... | 10 | The same remarks apply here as in the case of Bricks and Tiles. |
| Silk ... ... ... ... ... ... | „ 5. | New. | | |

| | | | |
|---|---|---|---|
| Storing, packing, pressing, cleansing, preparing, or manufacturing by any process whatever— | | | |
| Blood ... ... ... ... ... ... | Rs. 15. | Boiling or storing— | |
| Bones ... ... ... ... ... ... | „ 15. | Blood ... | 15 |
| Candles ... ... ... ... ... | „ 5. | Bones ... | 15 |
| Catgut... ... ... ... ... ... | „ 15. | Candle-making ... | 5 |
| Chemical preparations ... ... ... | Rs. 25 to Rs. 50 at the discretion of the Commissioner. | Catgut-making ... | 15 |
| | | | New. |
| China Glass ... ... ... ... ... | Rs. 5. | | Do. |
| Cocoanut Fibre ... ... ... ... | „ 5. | | Do. |
| *Cotton and Cotton Refuse or Seed ... ... | „ 15. | Storing or selling Cotton Refuse. | 15 |
| | | | New. |
| Dammer ... ... ... ... ... | „ 10. | | |
| Dynamite ... ... ... ... ... | „ 50. | Storing or selling Dynamite. | 50 |
| Fat ... ... ... ... ... ... | „ 15. | Melting Fat ... | 15 |
| Fins ... ... ... ... ... ... | „ 15. | | New. |
| Fish ... ... ... ... ... ... | Rs. 5 to Rs. 25 at the discretion of the Commissioner. | Storing Fish ... | 25 |
| Fireworks under 100 lbs. ... ... ... | Rs. 5. | Storing or selling Fireworks. | 5 |
| Do. 100 lbs. and over ... ... ... | „ 15. | Manufacturing Fireworks. | 15 |
| Flax ... ... ... ... ... ... | „ 5. | | New. |

As the fishermen of Warli, Sivri, Colaba, Mazagon, and Sion have to take out licenses for the drying of fish, a small fee can only be charged ; the people are poor, and the payment of a big fee would be oppressive. A fee of Rs. 5 would be sufficient.

* The storing of pressed bales of cotton is excepted.

| Purpose for which License is granted for using premises. | Amount of License Fee to be charged. | Purpose of License. | Amount of Fee. | REMARKS. |
|---|---|---|---|---|
| | | | Rs. | |
| Storing, packing, pressing, cleansing, preparing, or manufacturing by any process whatever— | | | | |
| Fulminate of Mercury ... ... ... | Rs. 50. | Storing or selling Fulminate of Mercury. | 50 | |
| | | New. | | |
| Gas ... ... ... ... ... ... | „ 50. | | | |
| Gun Cotton ... ... ... ... ... | „ 50. | Storing or selling Gun Cotton. | 50 | |
| Gunpowder or Blasting Powder in quantities— | | | | |
| Retail, *i.e.*, under 50 lbs. ... ... ... | „ 5. | Retail selling ... | 5 | |
| Wholesale, *i.e.*, over that quantity ... | „ 50. | Manufacturing | 50 | |
| Hemp ... ... ... ... ... ... | „ 5. | New. | | |
| Hides (raw) ... ... ... ... ... | „ 50. | Storing or selling Hides, (raw.) | 50 | |
| Do. (dried)... ... ... ... ... | „ 15. | Do. (cleaned). | 15 | |
| Horns ... ... ... ... ... ... | „ 15. | Horns ... ... | 15 | |
| Hoofs ... ... ... ... ... ... | „ 15. | New. | | |
| Hair ... ... ... ... ... ... | „ 15. | Washing or drying Hair. | 15 | |
| Jute ... ... ... ... ... ... | „ 5. | New. | | |
| Kerosine Oil in quantities— | | | | Health Officer says that dealers store in the godowns at Mazagon as many as 20,000 cases at one time, and the trade can afford to pay a large fee. |
| Retail, *i.e.*, under 50 gallons ... ... | „ 5. | Retail ... ... | 5 | |
| Wholesale, *i.e.*, over that quantity ... | „ 100. | Wholesale ... | 15 | |

| | | | | |
|---|---|---|---|---|
| Lime— | | | | |
| For storing only ... ... ... ... | Rs. 15 | at the discretion of the Commissioner. | | |
| For burning ... ... ... ... | „ 50 | | Lime Kiln ... | 15 |
| Matches for lighting— | | | | |
| Over 1 gross and under 5 gross ... ... | Rs. 5. | | ..... | 1 |
| 5 gross and over ... ... ... ... | „ 10. | | ..... | 5 |
| Manure ... ... ... ... ... | „ 20. | | | New. |
| Meat for storing ... ... ... ... | „ 10. | | | Do. |
| for curing ... ... ... ... | „ 50. | | | |
| Nitro-glycerine ... ... ... ... | „ 50. | | Manufacturing, storing or selling | 50 |
| Oil ... ... ... ... ... ... | „ 15. | | Oil Boiling-house. | 15 |
| Oil-cloth ... ... ... ... ... | „ 10. | | Oil-cloth manufacturing. | 10 |
| Offal ... ... ... ... ... ... | „ 25. | | Boiling or storing Offal. | 15 |
| Petroleum Oil in quantities— | | | | |
| Retail, *i.e.*, under 50 gallons ... ... | „ 5. | | Retail ... ... | 5 |
| Wholesale, *i.e.*, over that quantity ... | „ 100. | | Wholesale ... | 15 |
| Paraffin Oil ... ... ... ... ... | „ 25. | | Do. ... | 15 |
| Rags ... ... ... ... ... ... | „ 15. | | Boiling or storing Rags. | 15 |

Health Officer says that the fee of Re. 1 was considered oppressive by the Magistrates. He thinks it strikes too low, and proposes a fee of Rs. 5 for the storage of any quantity between 1 gross and 5 gross; any quantity over that to be charged Rs 10, and any quantity under 1 gross to be free.

Same as for Kerosine Oil.

| Purpose for which License is granted for using premises. | Amount of License Fee to be charged. | Purpose of License. | Amount of Fee. | Remarks. |
|---|---|---|---|---|
| | | | Rs. | |
| Storing, packing, pressing, cleansing, preparing, or manufacturing by any process whatever— | | | | |
| Rosin ... ... ... ... ... ... | Rs. 5. | New. | | |
| Rangoon or Burmah Oil ... ... ... | Rs. 5 to Rs. 15 at the discretion of the Commissioner. | Wholesale ... | 15 | |
| | | Retail ... | 5 | |
| Soap ... ... ... ... ... ... | Rs. 15 | Soap Manufacturing Factory. | 15 | |
| Sulphur in quantities— | | | | |
| Under 1 cwt. ... ... ... ... | ,, 5. | Retail ... ... | 5 | |
| 1 cwt. and upwards ... ... ... | ,, 15. | Wholesale ... | 15 | |
| Saltpetre ... ... ... ... ... | ,, 5. | ..... | 5 | |
| Spirits... ... ... ... ... ... | ,, 10. | New. | | |
| Skins (raw) ... ... ... ... ... | ,, 50. | Storing or selling. | 15 | |
| ,, (dried) ... ... ... ... ... | ,, 15. | | | |
| Tallow... ... ... ... ... ... | ,, 15. | Melting Tallow... | 15 | |
| Tar or Pitch ... ... ... ... ... | ,, 10. | New. | | |
| Tow ... ... ... ... ... ... | ,, 5. | Do. | | |
| Turpentine in quantities— | | | | |
| Retail, *i.e.*, under 50 gallons ... ... | ,, 5. | Retail ... ... | 5 | |
| Wholesale, *i.e.*, over that quantity... ... | ,, 15. | Wholesale ... | 15 | |
| Wool ... ... ... ... ... ... | ,, 15. | Washing or drying Wool. | 15 | |

| | | | | |
|---|---|---|---|---|
| For keeping horses, cattle or other four-footed animals for sale or hire, or for sale of the produce thereof— | | | | |
| For accommodation of— | | | | |
| 10 Horses and under ... ... ... | Rs. 10 | Livery Stables.. | 10 to Rs. 25 | |
| More than 10 and up to 20 Horses ... | „ 25. | | | |
| Do. 20 Horses ... ... ... | „ 50. | | | |
| 10 Buffaloes or Cows, and under ... | „ 5. | For Buffaloes or Cows. | 5 to „ 10 | |
| | | At the discretion of the Commissioner. | | |
| More than 10 Buffaloes or Cows, but less than 50. | „ 10. | ..... | ..... | |
| 50 Buffaloes or Cows and over ... ... | „ 50. | ..... | ..... | |
| 20 Bullocks and under ... ... | „ 5. | ..... | ..... | |
| More than 20 Bullocks, but less than 50. | „ 10. | ..... | ..... | |
| 50 Bullocks and upwards ... ... | „ 15. | ..... | ..... | |
| Other four-footed animals ... ... | Re. 1 to Rs. 5, at the discretion of the Commissioner. | New. | | |
| Storing for other than domestic use, or selling, Timber— | | | | Health Officer says that the License Fees on "Timber" have always been the subject of dispute, and to avoid any misunderstanding he has proposed the fee of Rs. 5 for every 100 sq. feet. Log timber on the foreshore should not, he thinks, be charged any fee, being ultimately brought into wood-yards when a License Fee will have to be paid. |
| For every 100 square feet or less of ground to be occupied up to 400 square feet (any fraction in excess of 100 square feet to be treated as an additional 100 square feet). | Rs. 5. | Storing or selling timber, planks, bamboos, rafters and building materials. | 10 to Rs. 25 at the discretion of the Commissioner. | |
| For every 400 square feet in area and for all places over that area. | „ 25. | ..... | ..... | |

Carried.

| Purpose for which License is granted for using premises. | Amount of License Fee to be charged. | Purpose of License. | Amount of Fee. | REMARKS. |
|---|---|---|---|---|
| | | | Rs. | |
| Storing for other than domestic use, or selling, Firewood— | | | | |
| For quantities from 100 to 500 bundles or for any quantities up to 500 bundles in places where scales are used. | Rs. 5. | Storing or selling sticks or Bundles | 1 | Health Officer says that the Magistrates have always considered that the fee of Re. 1 for bundles should be abolished as it was oppressive in the case of petty shopkeepers. |
| In bulk over 500 bundles (of 2lbs. each) ... | „ 10. | Firewood ... | 10 | |
| Charcoal, Coal, Coke and Ashes ... ... | „ 10. | Coal, including Coke, Ashes and Refuse. | 10 | |
| Storing for other than domestic use, or selling, Hay, Grass and Straw— | | | | |
| For every 4,000 square feet, or less, of ground to be occupied (any fraction in excess of 4,000 square feet to be treated as an additional 4,000 square feet); provided that the maximum fee shall not exceed Rs. 50. | „ 5. | Storing or selling Hay, Grass and Straw. | 10 | |

Proposed by Sir Henry Morland, seconded by the Chairman—

"That, as applied for by the Commissioner, in his memorandum No. 19639, dated 13th instant, sanction be given to a test case being brought before the High Court for the ejectment of tenants from Government land at Kharshedji Sooklaji Street, now held by the Municipality from Government under a lease, provided that the Municipality is put to no expense in the matter. The Municipal Commissioner should be requested at the same time, to inform Government that, in the opinion of the Standing Committee, there is no objection to the surrender of the lease in respect of the 2,763 square yards of land occupied by the huts and buildings, on the understanding that Government will consent to a corresponding reduction of the ground rent now leviable from the Corporation."

No. 7004.

*Carried.*

Considered the following letter, No. 19645, dated 20th February 1889, from E. C. K. Ollivant, Esq., C.S., C.I.E., Municipal Commissioner, to the Municipal Secretary, as under :—

SIR,—I find that my opinion has been asked as to the expediency of getting rid of the present zoological collection at the Victoria Gardens. My opinion is that nine out of ten people who visit the Victoria Gardens, go for the sake of seeing the animals, and that unless there is a reasonable prospect of a good zoological collection being established elsewhere in the city under better auspices, this element of attraction to our gardens should not be eliminated. I see no reasonable prospect, especially after what has taken place recently, of zoological gardens being established elsewhere, and therefore I am not in favour of getting rid of the present collection. Moreover, I am by no means certain that under proper conditions the Victoria Gardens may not be as suitable a site as any other that can be found.

2. It seems to me that all available means should be used to make the gardens as attractive and complete as possible both as a place of recreation and as an instrument of education. For either purpose there is much to be said in favour of their present situation, and I hope that as greater attention and efforts are directed to raising the gardens to a higher standard of beauty and usefulness, so also the development of the museum may not be forgotten, and that the interest and spirit displayed in the young institution which now occupies the former home of the Elphinstone College may be extended, to its elder sister across the road. The prospect of the Victoria Museum and Gardens regarded alternately with neglect, contempt and despair after barely thirty years of life must be anything but encouraging to the infant hopes of the Victoria Jubilee Technical Institute. I prefer to think that in both cases a result can and will be achieved more in harmony with the name which they commemorate and worthy of the city which is responsible for them.

3. No fair critic who is able to compare the present state of the gardens with that of a few years ago, will decline to admit that in many respects, and especially in the general appearance, there has been considerable improvement. Under the management of the present very competent Superintendent, steps are being taken to supply one of the wants long complained of, *viz.*, botanical arrangement coupled with a complete and scientific catalogue and the various specimens labelled to correspond therewith. But it is not to be wondered at if the casual visitor who occasionally rushes into print, finds more cause for disparagement than praise. He knows little of past improvements or present difficulties, but he sees the defects, perhaps dwells a little too complacently upon them, and the defects are too many and too obvious to admit of a satisfactory answer being given, for though this or that officer may justly vindicate himself by shewing that he has done his best with the means at his disposal, the city cannot clear itself of reproach until a far higher standard of excellence has been obtained.

4. In spite of the improved effect produced by the more tasteful disposition of the grounds on the western and southern sides of the gardens, no one can have failed to notice the disfigurement still caused by the unsightly condition of other portions. Here a mass of straggling pummelo trees still kept for the sake of the pittance of revenue which they yield, or custard-apple trees preserved for the same reason, presenting the effect of an obsolete Mahomedan burial ground; on another side land not yet raised to its proper level, for want of the necessary funds, and appropriated meanwhile to the cultivation of lucerne grass for the use of the deer, or furnishing a site for the squalid sheds of the garden staff, whilst huddled up in one corner are the cages, most of them mean and unsuitable, which contain the zoological collection. Last and not least cause of adverse and just criticism, we find that no separate shelters are provided for sick or injured animals, which, instead of undergoing proper treatment in segregation and privacy, are allowed to mix with the others and to protrude themselves on the public gaze.

5. It may be thought that I am deviating somewhat from the immediate object of this letter which concerns the retention of the zoological collection, but I have said that in my opinion it ought to be retained under proper conditions, and one of the conditions is that the various purposes which the gardens are desired to fulfil, should be treated as a whole, and that no one particular interest should be so ordered as to clash with another, but that all the arrangements, ornamental, botanical or zoological, should be so designed that each, whilst best for its own immediate purpose, may also contribute to the best general result. This condition necessarily embraces intelligent care and proper housing of the animals which form the collection.

6. Fortunately what is most desirable for the improvement of the zoological collection and the well-being of the animals, will best accord with making the general appearance of the gardens more attractive, and will indirectly facilitate the extension of botanical classification. The first thing to do, is to distribute the animals according to their several kinds and characteristics in various parts of the gardens, and to enable this to be done, the unsightly and neglected portions should be brought into order, and if possible, the boundaries of the gardens should

be extended. This is the more to be desired, as it will avoid the danger of animals being so located as to give cause of complaint to persons residing in the neighbourhood.

7. The present sheds should be removed and proper quarters should be provided in the eastern corner of the gardens which from its confined boundaries does not lend itself readily to effective landscape gardening. Here, too, may be placed the cages or enclosures for sick animals undergoing treatment, and the whole of this corner should be screened off from the grounds open to the general public.

8. Well-built airy cages, with appropriate recesses for shelter, should be provided for the different kinds of animals according to their several requirements. It is premature to indicate the precise spots where each should be located, but I may say that a good place for the carnivora would be on the open space near the Lady Frere statue, and that a long winding strip should be laid out for the deer, so as to give them the greatest length possible for running about.

9. I think it is very desirable to invite the Zoological Committee of the Natural History Society to constitute themselves honorary visitors and to pay periodical visits to the gardens and record their remarks and suggestions in a book to be kept for that purpose. I have no hesitation in saying that such suggestions would be most valuable and accepted with grateful attention.

10. Another very essential condition is that the Superintendent of the Gardens should have under him a thoroughly competent head keeper and a proper staff for looking after the animals. Possibly a man with the requisite experience might be obtained from up-country or from the Calcutta Zoological Gardens, on a salary, say, of about Rs. 60 a month. Whatever the salary be, the man should have free quarters on the premises. I would recommend, if necessary, the payment of even a higher salary, say up to Rs. 200 a month, in order to obtain the services of a man trained in one or other of the best zoological gardens in Europe. Such a man might be employed on a three years' engagement to put the collection, the staff and all the arrangements on a proper footing.

11. If the Corporation should approve of the general scope of these suggestions, I believe that any special grant which they might be disposed to give, would be supplemented by public subscriptions. I know that in many quarters there is a strong feeling that Bombay should no longer occupy merely a fifth rate position in respect of her principal gardens and zoological collection, and though we cannot count on the wealthy visitors who gave such material assistance to Calcutta in a similar enterprise, I believe that a public appeal would meet with a liberal response.

12. But I must frankly admit that I anticipate but very little good from the sudden outlay of a large sum, unless it is to be supplemented by an adequate yearly income, and I do not see any means of securing this except by making the gardens partially self-supporting, and the only way this can be done, is by charging entrance fees. This suggestion (which I once before made in my letter No. 2243, dated 19th May 1886), will probably be met with three objections—. first, that it will, if adopted, inflict a hardship on poor visitors; secondly, that the Corporation have already declined to adopt it; thirdly, that they are precluded from adopting it by the terms of the lease on which the land is held from Government. But

with regard to the third objection which is a difficulty at the outset, I may remind the Corporation that on the occasion of the former reference (July 1886) Government resolved that they would not object upon the application of the Corporation to sanction moderate admission fees for the maintenance of the zoological collection, though at the time they did not consider the collection sufficiently attractive to justify the charge ; and I may further state that now Government have, unsolicited, repeated their former conditional sanction *without* the qualifying remark as to the present state of the collection. As regards the second objection, I have no doubt the Corporation will attach little weight to it if good reason can be shewn against the first, as I think it can, but it will be remembered that the adverse opinion on the previous occasion was by no means unanimous, and one of the principal opponents of the change told me sometime afterwards that he was no longer of the same mind. For the fact is, as he then saw, that the real issue is whether it is better to leave matters as they are at present, and charge no fees. or by charging fees, to have something more worth seeing on the numerous free days when in accordance with my proposal the gardens will be open without charge as at present. Seeing what an attraction the animals possess, especially for the poorer class of visitors, I cannot doubt that any improvement in the collection will be thoroughly appreciated by them.

13. To avoid any hardship, I would make all gazetted native holidays, all Bank holidays and Monday, Wednesday and Friday in each week, free. Moreover, even on other days I would make the scale of fee low, so that the garden would be almost continuously accessible to persons with small incomes. I would suggest some such charges as these :—

Season ticket for one year available at all hours, when the garden is open, Rs. 5.

On Sundays, the gardens to be open only to season ticket holders.

DAILY TICKETS.

| | | |
|---|---|---|
| Tuesday, Thursday and Saturday ... | Up to 4 P.M., | 1 anna. |
| Tuesday and Thursday ..... | After do. | 2 annas. |
| Saturday ..... ..... ... | Do. do. | 4 annas. |

Each paying adult to be allowed to take in one child (up to ten years of age) free. I would also suggest that donors of Rs. 100 or upwards should be considered as season ticket holders for life, and that all donations of Rs. 500 and upwards should be publicly recorded. There are several Chiefs connected with the Presidency who have already shewn their interest in the gardens by presents of animals, and I think it not improbable that some of them would be disposed to found handsome 'cages' in their names for housing the distinguished guests whom they have sent us.

14 I owe it to Mr. Phipson, whose name will say more for itself in Bombay than any acknowledgments of mine can do, to add that it is after consultation with him that I make these suggestions, and I think that, if they are to be carried into effect, they cannot be inaugurated better than with his sympathy and assistance.—I have, &c.,

E. C. K. OLIVANT,
Municipal Commssioiner for the City of Bombay.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, with reference to their Resolution No. 5343, dated 26th November 1888, the Corporation be informed that the Standing Committee approve of the proposals contained in letter No. 19645, dated 20th instant, from the Commissioner to the Municipal Secretary for improving the Victoria Gardens, and retaining on improved principles the zoological collection therein, and that, in the opinion of the Standing Committee, it is desirable that the question as to the amounts which should be charged for admission, and the days on which admission be charged for, should be left for consideration by the Corporation.

No. 7005.

"That, in the event of the Corporation approving of the general scheme, the Standing Committee will supplement this report with the Commissioner's estimates of the cost of the various improvements suggested; but that, meanwhile, they recommend the general proposals for adoption by the Corporation."

*Carried.*

Read the following letter, No. 20463, dated 27th instant, from the Commissioner, to the Municipal Secretary :—

SIR,—I have the honour to state that I propose, with the approval of the Standing Committee, to accept the tender of Messrs. Fakirjee Pestonjee & Co., the contractors for the present year, notwithstanding the fact that there is one other tender which, compared with this, shows a reduction of about ¼ per cent. for the supply of timber during the year 1889-90 at schedule rates.

On the motion of the Chairman, seconded by Cowasjee Hormusjee, Esq., it was—

*Resolved* : "That sanction be given to the acceptance of tender of Messrs. Fakirjee Pestonjee & Co. for the supply of timber during the year 1889-90 at schedule rates."

No. 7006.

*Resolved* : "That sanction be given to the acceptance of tender of Messrs. Fakirjee Pestonjee & Co.—the lowest of two tenders—received for annual repairs, petty works and supply of building materials during the year 1889-90."

No. 7007.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to the acceptance by the Commissioner (as applied for in his letter, No. 20427, dated 27th instant) of the tender of

No. 7008.

Messrs. Dadabhai Hormasji & Co.—the only tender—received for the supply of coal and coke during 1889-90 at the following rates :—

| | Screened. | As imported. | Current year's Rates. | |
|---|---|---|---|---|
| West Hartley Coal ..... | Rs. 26 8 0 | Rs. 23 8 0 | Rs. 23 8 0 | per ton. |
| Cardiff Coal ..... | „ 28 8 0 | „ 24 8 0 | „ 24 8 0 | „ |
| Smithy Coal ..... | „ 24 8 0 | „ 22 8 0 | „ 22 8 0 | „ |
| Coke Europe, large ..... | „ 42 0 0 | „ 40 0 0 | „ 40 0 0 | „ |
| „ „ small..... | „ 40 0 0 | „ 38 0 0 | „ 35 0 0 | „ |

*Carried.*

Proposed by Muncherji Nowroji Banaji, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 7009. "That, as applied for by the Commissioner in his letter No. 20346, dated 26th instant, sanction be given to the acceptance of tender of Messrs. Richardson and Cruddas—the lowest of two tenders received—for the supply of castings for the Municipal Workshops during the year 1889-90, at schedule rates."

*Carried.*

Read letter No. 20461, dated 27th instant, from the Municipal Commissioner to the Municipal Secretary, as follows :—

SIR,—I have the honour to state that I propose, with the approval of the Standing Committee, to accept the tender of Messrs. Hiptula Shaik Adam & Co., for the supply of hardware during the year 1889-90, at schedule rates. Four tenders in all were received, and of these two show aggregate rates slightly below those of the tender which I propose to accept.

No. 7010. On the motion of Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq., it was agreed that sanction be given to the acceptance of tender from Messrs. Hiptula Shaik Adum & Co., for the supply of hardware during 1889-90.

No. 7011. *Resolved* : "That, as applied for by the Commissioner in his letter No. 23368, dated 26th instant, sanction be given to the acceptance of the tender of Messrs. Hasanali Adamji—the lowest of three received—for the supply of petty stores during the year 1889-90, at schedule rates."

Proposed by Colonel Merewether, seconded by Raghunath Narayan Khote, Esq.—

No. 7012. "That, as applied for by the Commissioner in his memoranda Nos. 2347, 2348, 2349, and 2350, dated 26th instant, sanction be given, under Section 351 (2) of the Municipal Act of 1888, to the re-

moval of the following structures built without permission:—

| Name of the owner. | Where. |
|---|---|
| (1) Mr. Gopal Kissen ... | Chawl at Lady Jamsetjee Road, near Waza Walee. |
| (2) Mr. Kallianji Moorarji ... | Chawls at Elphinstone Road. |
| (3) Messrs. Peroo Mahumad & Co. ... | Mills built at Haines Road. |
| (4) Mr. Vallabdas Balgovindas... | Chawl at Lady Jamsetjee Road, near Hassali Tank." |

*Carried.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Nanabhoy B. Jeejeebhoy, Esq.—

No. 7013. "That, as applied for by the Commissioner in his memorandum No. 2321, dated 25th instant, sanction be given to the transfer of Rs. 800 from savings in Section II, Gas Lighting, F., Lighting at the Wellington and Frere Fountains, to Miscellaneous Charges on account of Loans, to meet the excess charges incurred up to date, namely, (1) Rs. 230-11-6 over the Budget grant of Rs. 9,000 for Miscellaneous Loan charges, and (2) Rs. 569-4-6 for contingent charges ditto, likely to be incurred up to the end of the current year, consequent in both cases on loss by the low rate of exchange."

*Carried.*

The consideration of the following was postponed, pending receipt of details from the Commissioner, but sanction was now given to the payment of such charges as may have been incurred for payment of labourers' wages, &c.

Letter No. 20462, dated 27th February 1889, from the Commissioner, to the Municipal Secretary, as under :—

I have the honour to request the sanction of the Standing Committee to a transfer of Rs. 62,430 from savings in the grant for the purchase of materials, road metal, &c., Section I., to meet excesses in Sections II, IV, V and VII, Road Repairs, Engineer's Budget, VIII.

*Resolved:* No. 7014. "That, as applied for by the Commissioner, in his letter No. 20429, dated 27th instant, the Corporation be recommended to sanction a special grant of Rs. 6,000, out of Surplus Cash Balance, to meet the expenses of the general elections, namely, advertising, printing and stationery, Rs. 3,000 ; stores, labour, erection of polling booths, &c., Rs. 1,900 ; allowances to Polling Officers, Rs. 800."

*Resolved:* No. 7015. "That, as applied for by the Commissioner, in his letter No. 20428, dated 27th instant, sanction be given to the transfer of Rs. 2,300,

(1) Rs. 1,200 from savings in Section I., Superintendence and Inspection, Scavengering Establishment, Health Department Budget, and (2) Rs. 1,100 from savings in Section II., Labour, B, drain cleaning, same budget, to meet excess up to the end of the year in Section V., stores and miscellaneous, same budget, chiefly on account of disinfectants in connection with cholera cases throughout the year."

No. 7016. *Resolved:* "That the Corporation be recommended to sanction the grant of Rs. 4,000, from Surplus Cash Balance, to meet excess over the Budget Grant for the last year, for cost of advertising, printing and stationery, Corporation and Standing Committee's Establishment."

Read letters Nos. 20430 and 20431, dated 27th instant, from the Commissioner to the Municipal Secretary, stating, with reference to the Standing Committee's Office No. 5926, that, through a clerical error in the Municipal Solicitors' Office, the date from which the interest was allowed was stated to be 1st November 1888, instead of 1st November 1887, and the interest for that period aggregating Rs. 52-2-0 will be debited to street improvement grant.

No. 7017. *Resolved:* "That, as applied for by the Commissioner in his letter, Nos. 20430 and 20431, dated 27th instant, the entry on the minutes of the Standing Committee No. 5926, dated 6th idem, be amended by inserting in the Commissioner's letters Nos. 18873 and 18872 of 1888-89, the figures "1887" instead of "1888" in both cases, and by showing the amount of interest payable as Rs. 566-6-0 instead of Rs. 514-1-4."

No. 7018. *Resolved:* "That, as applied for by the Commissioner, in his memorandum No. 20449, dated 27th instant, sanction be given, under Section 279 of the Municipal Act III. of 1888, to the severance of water connections, as per list forwarded with the said memorandum."

No. 7019. *Resolved:* "That the consideration of the following which have been refered to the Commissioner for remarks, be postponed :—

"1. Letter from Messrs. Ardeser Hormusjee and Dinshaw, dated 19th instant, on behalf of Mr. Sadashiv Vishwanath Dhurandhar, protesting against the cutting off of water connection at Ward Nos. 4431—4444, situate

at Cathedral Street, outside the Fort, and requesting that enquiries may be made in the matter.

"2. Letter from Mr. Ramchunder Soonderji, dated 25th instant, asking that the cost of cleaning out and keeping in repair the drain in Bangudwady, Girgam, may be borne by the Municipality who constructed the drain.

"3. Letter, dated 25th instant, from Messrs. L. F. DeSouza and P. Crasto, repeating complaint as to the objectionable condition of cesspool or cesspools in Matharpakady, and alleging that the nuisance is caused by cesspool belonging to Mr. Almeida."

*Resolved* : "That the Corporation's Resolution No. 5296, dated 19th November 1888, on the subject of the order in which sewerage works should be taken up in future, be referred to the Municipal Commissioner, for favor of opinion."

No. 7020.

The following were placed on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 26th February 1888.*

Memorandum No. 20436, dated 27th instant, from the Municipal Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889. | | | | Rs. | |
| 18th Feb. | Victoria Bunder. | A fire broke out in the Bombay Cotton Press and extended to a cotton godown belonging to the Oriental S. & W. Co. | ..... | 2,65,000 | Not known. |
| 19th „ | Hornby Row.. | A small quantity of sample cotton lying in the compound of Messrs. Spinner & Co. was discovered on fire and was immediately extinguished. | ..... | .. | Not known. |
| 19th „ | Harbour .. | A fire broke out in the store room of the Austrian Lloyd's S.S. "Elektra," but was soon put out. | ..... | .. | Not known. |
| 22nd „ | Victoria Bunder. | A jowli hut was discovered on fire, but was speedily extinguished. | ..... | .. | Attributed to careless bidi smoking. |

* See Appendix B.

The consideration of list of outstanding business was not proceeded with.

The Commissioner placed on the table report of Sir John Fowler, K.C.M.G., P. P. INST., C. E., on the Malabar Hill and John Hay Grant Reservoirs, and reported that, in accordance with the permission obtained from the Standing Committee by circular, the sum of 200 guineas had been paid to Sir John.

Mr. Cowasjee Hormusjee asked whether the destructive fire at Khaling village near Tansa would interfere with the progress of the water works.

The Commissioner said the fire was in a village at some distance from the works, and would not, he hoped, interfere with the work; he would enquire into the matter and might mention that a charitably-disposed gentleman had sent Rs. 50 for distribution among the sufferers by the fire.

Mr. Cowasjee Hormusjee gave notice to the effect that the Commissioner be asked to furnish detailed information of the way in which Municipal money was expended on the Jaffer Sulliman Dispensary last year.

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BOMBAY, *6th March* 1889.

AT the meeting of the Standing Committee held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SURGEON-MAJOR G. WATERS, L.R.C.S., L.R.C.P.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 27th ultimo was postponed.

The seal of the Corporation was affixed to 297 debenture bonds of the Bombay Municipal loans for Drainage and Water Works, Markets and Roads, Nos. 445 to 741, both inclusive, of the value of Rs. 1,48,500.

*Resolved* : "That the following be *recorded* :—Memorandum No. 20850, dated 6th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,65,213 from the Tansa loan, and other deposit accounts to the Municipal General Fund pass book, on the 25th ultimo, and 1st and 2nd instant."

No. 7055.

*Resolved* : " That, as applied for by the Commissioner in his letter No. 20462, dated 27th ultimo, sanction be given to the transfer of Rs. 62,430, from savings in the grant for the purchase of materials (road metal, sand-stone, kerb-stones and water tables), Section I., road repairs grant, Engineer's budget, to Section 2, cart hire and labour, including road scraping ; 4, maintenance of steam-rollers, carts and share of Persian-wheel repairs ; 5, stores and contingencies ; and 8, purchase of 3 8-ton and 1 15-ton steam-rollers ; same head, same budget, to meet the excesses in the grants for cart and bullock hire, labour, maintenance of steam-rollers, stores and contingencies, and for purchase of new steam rollers."

No. 7056.

On the motion of Colonel Merewether, seconded by the Chairman, it was agreed that sanction be given to the sale, to the public, at one rupee per copy, of such copies of the " Synopsis" of the provisions of the Municipal Act III of 1888, prepared by the Municipal Secretary, as may not be required by the Corporation.

No. 7057.

*Resolved* : " That sanction be given to the acceptance by the Commissioner of the tender of Mr. Dorabjee Hosangjee, for the removal of offal, from the Municipal Slaughter Houses at Bandora, for a term of 3 years, commencing from 1st March 1889, on payment to him at the rate of Rs. 7 per diem."

No. 7058.

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 20846, dated 6th instant, sanction be given to the severance of water connections as per list forwarded with the said memorandum.

No. 7059.

*Resolved*: " That, as applied for by the Commissioner in his memorandum No. 20688, dated 4th instant, sanction be given to the transfer of Rs. 7,379-14-1, from savings in the grants, lighting, Section II., gas lighting, F, lighting at the Wellington and Frere fountains, Rs. 2,743 ; E, lighting public latrines and urinals, Rs. 1,325 ; Water Works Maintenance, Section V., repairing and repitching dam No. 2, Vehar, Rs. 3,311-14-1, to Section II., coals, Love Grove Pumping Station, to meet the excess over the grant for coals."

No. 7060.

*Resolved*: " That, as applied for by the Commissioner in his letter No. 20767, dated 5th instant, sanction be given to the transfer of Rs. 1,052-15-5 from savings (1) in the grant for earth to cover kutchra deposits, under Section III., disposal of town sweepings, Conservancy Branch,

Health Department Budget, to meet excess in Section X., E, repairs to latrines and urinals, Halalkhor Branch, same Budget, for the repairs to the latrines at the Girgam Night-soil Depôt."

Read letter from Mr. C. Agnew Turner to the Commissioner, dated 8th ultimo:—

SIR,—I have received from Mr. Tomlinson, Deputy Executive Engineer, in charge of Water Works, a letter under date the 2nd February 1889, forwarding to me a copy of a Resolution of the Town Council of the 7th March 1888, regarding charge for water.

I therefore now write to object to a meter being fixed *on my premises* in accordance with the said Resolution.

For the present half-year the water tax has been levied in respect of the said premises, and I have paid the amount of the said water tax; and no change can now be made for the present half-year.

If the Standing Committee, under Section 169, direct that for any future half-year you shall charge for water supplied to my premises by measurement instead of levying the water-tax, I can of course raise no objection, but in the meanwhile I must object to a meter being placed *on my premises* for purpose of experiment only.

I trust, however, that the Standing Committee will not adopt any such course unless all bungalows situated in the same portion of the city are taxed in the same manner.—C. AGNEW TURNER.

Read also letter No. 5538, to the Commissioner, dated 15th ultimo, as follows:—

SIR,—In returning your No. 19609, dated 13th instant, I have the honor to report that, in accordance with the late Town Council's Resolution No. 2460 of the 7th March 1888, re-affirmed by the Standing Committee on the 16th January 1889, I wish to affix a meter to the service pipe of the bungalow occupied by Mr. Turner, because I believe there is good reason for supposing that the consumption of water is sufficiently large to bring the case within the terms of the Resolution, and that payment should be made at 4 annas per 1,000 gallons.

As Mr. Turner refuses to afford reasonable facilities for ascertaining the exact consumption, I think the water rate on assessment for first half of 1889-90 should not be levied, and that a meter should be affixed from the 31st March next.—I have, &c., S. TOMLINSON, Deputy Executive Engineer, in charge Water Works.

Memorandum No. 20578, dated 1st instant, from the Commissioner to the Standing Committee, as follows:—

Submitted to the Standing Committee for disposal under Section 169 of the Act.

*1st March* 1889.

*Resolved*: "That, as applied for by the Municipal Commissioner in his memorandum No. 20578, dated 1st instant, sanction be given to the fixing of a meter to the service pipe of the bungalow occupied by Mr. C. A. Turner at Mount Nepean Road, Malabar Hill, water being supplied to him by measurement from 1st April 1888."

No. 7062.

Read the following, forwarded by the Commissioner, under his memorandum No. 20553 of 1st instant :—

*Bombay Veterinary College : Proposed establishment of Veterinary Hospitals and Dispensaries in charge of qualified graduates of the——.*

No. 1457.

REVENUE DEPARTMENT,

Bombay Castle, 21st February 1889.

Government memorandum No. 387, dated 16th January 1889 :—

"The undersigned presents compliments to the Principal, Bombay Veterinary College, and is directed to request that that officer will be good enough to report for the information of Government how many students from the College are in his opinion likely to be qualified to work as veterinary practitioners in April next when, as would appear from paragraph 18 of the last Annual Report of the College, the final examination for the first batch of students is expected to take place."

Letter from the Principal, Bombay Veterinary College, No. 23, dated 17th January 1889 :—

"In reply to your memorandum No. 387, dated 16th January 1889, I have the honour to inform you that of the 28 students, who will be eligible for the final examination of this College in April next, I expect that about 22 will be successful."

RESOLUTION.—The Bombay Veterinary College was instituted with the aid of private benefactions, the Municipality and the Society for the Prevention of Cruelty to Animals in order to train a body of professional men who should be able to do for cattle-disease what the Medical Department of Government has done for human disease. The agency in popularizing scientific medical treatment among the masses has been the establishment of civil hospitals and dispensaries. It may be confidently hoped that similar results will follow similar measures if they can be applied to the treatment of disease and the alleviation of suffering among animals. In initiating these measures Government must look for the co-operation of local bodies, whose representatives may be trusted to appreciate the benefits likely to follow upon a proper treatment of cattle-disease which under present conditions causes enormous loss of valuable property and seriously affects the agricultural resources of the people.

2. The first results of veterinary education, upon which Government are spending upwards of Rs. 20,000 per annum, will be best turned to account if the graduates who will be available next April can find employment in the chief towns of the mofussil, and with this object Government are prepared to give aid to Municipalities and Local Boards who may be willing to establish veterinary hospitals or dispensaries in charge of qualified graduates of the College.

3. It appears from inquiries instituted under the orders of Government that six or seven graduates qualified for charge of a veterinary practice involving ordinary diseases and operations may be expected to avail themselves of the offer to serve in veterinary dispensaries. The establishment of such institutions is what the Governor in Council desires to attain at the commencement, as a beginning of the scheme. As with one exception all the students are either Parsis or Gujaratis, it is expedient that the first efforts in this direction should be made in

Gujarat where also in the large towns and cities Government expect to find in private benevolence and the co-operation of Pinjrapol managers some ready assistance.

4. The Government of India have not yet passed orders as to the establishment of a Civil Veterinary Department which should be under the Director of Land Records and Agriculture with the professional advice and aid of the Principal, Bombay Veterinary College, and his Assistant. But whether such a Department is or is not hereafter created, His Excellency the Governor in Council is of opinion that the services of the Director should be utilized to provide the connecting link between the College and the mofussil. The Director of Land Records and Agriculture should accordingly be requested to put himself in communication with the Presidents of Municipalities and Local Boards of the large towns and cities of Gujarat, and he is authorised to offer Government aid to the extent of Rs. 400 per annum towards the maintenance of any veterinary hospital or dispensary established and otherwise paid for from local rates. It may be left to the Municipalities or Local Boards to make their own offer to the veterinary graduate, which should be done by application to the Principal, Bombay Veterinary College ; but the Government grant-in-aid will be conditional on the provision of suitable quarters and necessary furniture and appliances and a guarantee of an expenditure from local resources yearly amounting to not less than the Government grant. Government should also have the right of inspection by the Director of Land Records and Agriculture or any professional officer deputed for the purpose and of requiring such returns, &c., as they may deem necessary to be submitted to them. Wherever Local Funds contribute, the services of the Veterinary Officer must be available on the requisition of the President of the District Local Board, for employment at the scene of any outbreak of cattle-disease in the district. In such cases if the outbreak is serious and the Veterinary Officer is detained away from his hospital for any considerable period, the President of the District Local Board may request and Government will grant a temporary addition to the Government grant-in-aid to the extent of a moiety of the cost of any charge for an officer appointed to act for the Veterinary Officer during his absence on such temporary special duty. The question of the fees to be charged for the treatment of sick animals may in the first instance at least be left for the decision of the local bodies employing the Veterinary Officers as the object of Government is to render popular the maintenance of veterinary hospitals and dispensaries and with the same object in view the conditions under which the grants-in-aid are given should be as few as possible at first.

5. His Excellency the Governor in Council hopes that at least three or four veterinary hospitals or dispensaries will be started during the current year, and it is not likely that the total expenditure in connection with grants-in-aid from Government will exceed Rs. 2,000 if those institutions are established in accordance with the proposals now made.

JOHN NUGENT,
Chief Secretary to Government.

No. 7063.

*Resolved* : "That Government Resolution No. 1457, dated 21st February 1889, Revenue Department, regarding Veterinary Hospitals and Dispensaries, be forwarded to the Corporation."

*Resolved*: "That, as applied for by the Commissioner in his letter No. 20766, dated 5th instant, sanction be given to the transfer of Rs. 600, from savings in Section I., Establishment, B, inspection, distribution and waste-prevention, Water Works, Engineer's budget, to the grant of Rs. 20,000, for latrines and urinals, to meet the amount of compensation awarded by the Collector of Bombay for a plot of land at Mahim for the erection of latrines thereon." No. 7064.

Read letter No. 20764, dated 5th instant, from the Commissioner to the Municipal Secretary, as follows :—

SIR,—I have the honour to state that I propose, with the approval of the Standing Committee, to accept the tender of Mr. Ardaseer Framjee, the lowest of the three tenders received, for the construction of the Fire Brigade station at the junction of Parel and Chinchpokli Roads, at rates amounting to Rs. 23,099, including 15 per cent. contingencies.

The cost will be met out of Rs. 19,000, available from the previous year's grants, and the grant of Rs. 7,000 for new stations and appliances under Section XII., Fire Brigade Budget, for 1889-90.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner.

On the motion of Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

*Resolved*: "That, as applied for by the Commissioner in his letter No. 20764, dated 5th instant, sanction be given to the acceptance by him of the tender of Mr. Ardaseer Framjee, the lowest of three tenders received, for the construction of Fire Brigade station at the junction of Parel and Chinchpokly Roads at rates amounting to Rs. 23,099, including 15 per cent. contingencies." No. 7065.

*Carried.*

Read the following, forwarded with the Commissioner's No. 20655 of 2nd instant :—Letter, dated 27th ultimo, from the Executive Engineer, Tansa Water Works, to the Commissioner, as follows :—

SIR,—I have the honour to forward herewith, accompanied by three statements, progress report of the Tansa Works up to the end of January 1889.

The progress diagrams have been brought up to same date and replaced in the Committee room.—I have, &c.,

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

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TANSA WATER WORKS.

*Progress Report up to the end of January* 1889.

*Tansa Dam.*—During the month the outturn of masonry was 424,000 c. ft., making the total quantity executed from the commencement of

the work 3,629,000 c. ft. The outturn of this month exceeds by more than 33 per cent., the maximum outturn which had hitherto been reached. About 213,000 c. ft. of excavation in foundations were taken out during the month. The daily average number of workpeople employed during the month was 8,800. The daily average number of carts was 1,200, and that of pack bullocks and donkeys 2,100. Fever still continues to be prevalent. There were 21 deaths reported during the month from various causes.

*Duct.*—Excavation and masonry work was in progress at several points along the line. Fair progress was made with the tunnelling. Good progress was made on the Bassein Creek bridges, and by next monsoon the balance of work remaining to be done on these bridges should not be large. The daily average number of people employed on the duct works during the month was 10,000. Fever and dysentery were very prevalent along the line of the works during the month. The Contractors, Messrs. Walsh, Lovett, Mitchell & Co., have made a special report on this subject, pointing out the great difficulties they have to contend with owing to sickness amongst their staff and workpeople.

*Cast-iron Pipes.*—No further deliveries have been made since last report.

Statement showing progress made with the masonry work of the Tansa Dam.

| Description. | R. L. of river bed portion. | Quantity of masonry executed. | Quantity remaining (approximate.) |
|---|---|---|---|
| | | c. ft. | |
| State of work at opening of season 1888-89 ... ... ... ... | 347 | 27,08,100 | |
| Work done in October and November 1888 ... ... ... ... | 350 | 2,06,900 | 68,71,100 c.ft. |
| Work done in December 1888 ... | 353 | 2,90,000 | |
| Do. in January 1889 ... | 358 | 4,24,000 | |
| Total ... | | 36,29,000 | |

Statement showing progress of work on the principal items of the Tansa Duct, Seasons 1888-89.

| | Total progress up to | | | | Remaining to be done (approximately.) |
|---|---|---|---|---|---|
| | 31-5-88. | 30-11-88. | 31-12-88. | 31-1-89. | |
| Excavation for conduit ..... c.ft. | 53,50,000 | 62,40,000 | 72,90,000 | 83,60,000 | 1,10,10,000 |
| Masonry in conduit ,, | 4,07,134 | 4,16,600 | 4,51,400 | 5,65,100 | 34,19,900 |
| Tunnelling .... l. ft. | 2,500 | 4,300 | 4,700 | *5,214 | ..... |
| Excavation on pipe track ..... c.ft. | 28,18,000 | 29,14,000 | 30,41,000 | 31,67,000 | 2,33,000 |
| Embankment .... ,, | 53,94,000 | 55,70,000 | 59,57,593 | 65,0 .000 | 3,67,000 |
| Tramway laid .... l. yds. | 11,024 | 13,380 | 14,600 | 14,600 | 15,320 |
| Erecting Bassein Creek Bridges .. Tons | 550 | 1,050 | 1,240 | 1,380 | 720 |

* *See* details attached.

TANSA DUCT.—Detail of progress made in tunnels up to the 31st January 1889.

| No. of tunnel. | PROGRESS MADE. | | | Remaining to be done (approximately.) | Remarks. |
|---|---|---|---|---|---|
| | N. face. | S. face. | Total. | | |
| | l. ft. | l. ft. | l. ft. | l. ft.. | |
| 1 | ..... | ..... | 232 | ..... | Driven through. |
| 1a | ..... | 233 | 233 | 295 | |
| 2 | 608 | 2,108 | 2,716 | 5,286 | |
| 3 | 175 | 153 | 328 | 737 | |
| 4 | 431 | 224 | 655 | 1,644 | |
| 5 | ..... | ..... | 619 | ..... | Driven through. |
| 6 | ..... | ..... | ..... | 740 | |
| 7 | 72 | 359 | 431 | 2,987 | |
| | | | 5,214 | 11,689 | |

*Resolved:* "That Progress Report of the Tansa Works up to the end of January last, forwarded with the Commissioner's memorandum No. 20655, dated 2nd instant, be *recorded.*"

No. 7066.

Read the following :—

Letter from the Commissioner, forwarding confidential letter from the Agent, Bank of Bengal, on the subject of the publication of the financial transactions between the Bank and the Municipality.

Letter from the Commissioner, stating that he proposes, with the sanction of the Standing Committee, to renew the contract sanctioned by the Town Council on the 23rd May 1883 for the lending by the Bank of Bengal of the unraised balance, Rs. 6,38,000, of the loan of Rs. 10,08,000 for Drainage, Water Works, Markets and Roads, at 107 per cent.

On the motion of Cowasjee Hormusjee, Esq., seconded by Muncherjee N. Banaji, Esq., sanction was given to the sale of the Rs. 6,38,000 as above at 107 per cent., and as per the terms of the Commissioner's letter No. 20857, dated this day, and letter, dated 4th idem, from Messrs. Merwanji and Byramji, brokers, on behalf of the Bank of Bengal.*

No. 7067.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 4th March 1888.†

* *See* file of confidential minutes marked No. 280.

† See Appendix **B**.

Read and *recorded* memorandum from the Municipal Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of owner. | Estimated damage. | Causes of Fire. |
|---|---|---|---|---|---|
| 1889. | | | | Rs. | |
| 1st March | Frere Road .. | Cadjan roofed stables. | Syed Lal Macdeom and others. | 100 | Not known. |
| Do. | In Pinjrapool. | A quantity of grass stored in cattle shed was on fire, but it was soon extinguished. | .... | 500 | Attributed to careless bidi smoking. |

The Commissioner handed in letter from Government No. 9, General Department, dated 4th January 1889, and other papers on the subject of the removal of Police chowkee at Byculla Bridge, and it was resolved that the same be circulated to the Standing Committee.

Read letter No. 20858, dated 6th March 1889, from the Municipal Commissioner, to the Municipal Secretary, as follows :—

SIR,—I have the honour to recommend the Standing Committee to apply to the Corporation, under Section 296 of the Municipal Act, for the necessary authority to acquire the two properties shown in the accompanying tracing in yellow and red tints. The houses which occupied them have recently been pulled down, and the land, if converted into street, will give a direct entrance 38 feet in width into Bapu Khote Street from the Parel or Kalkadevi Road. The area to be acquired is 702·4 square yards, but of that area 60 square yards should in any case be purchased under the ordinary set-back provisions of the Act. From what has been said and from the tracing, it will be seen that the premises face on the one side Kalkadevi Road and on the other Bapu Khote Street, and that the line of frontage is 38 feet. The acquisition of these premises will enable us to dispense with the proposed set-backs of 271 and 124 square yards on the north and south sides of Bapu Khote Street at the present awkward corner. That improvement will entail the acquisition of 158 feet of frontage and presents the further difficulty that a portion of the ground is occupied by a mosque or buildings appurtenant thereto. If the present proposal is carried out, I think the traffic in Kika Street will be sensibly relieved, and though I regard that street as the more important of the two, the acquisition of frontages to give the full proposed width will be a long and costly process.

Meanwhile I think it would be a very great pity to lose this opportunity of carrying out such an unmistakeable improvement to the alternative route.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his letter No. 20858, dated 6th instant, the Corporation be recommended to sanction, under Section 296 of the Municipal Act III. of 1888, the acquisition of two properties* admeasuring 702·4 square yards, or thereabout, situate between Bapu Khote Street and Parel Road, belonging to Mr. Oodhowjee Carumchand, required for the opening of Khote Street into Parel Road.

No. 7069.

"That the Commissioner be authorised, under Section 90 of the Municipal Act, to endeavour to purchase the land, subject to the sanction of the Corporation, as aforesaid by voluntary agreement at the maximum rate per square yard confidentially communicated by the Standing Committee to the Commissioner, and that, failing the acquisition by such voluntary agreement, he be further authorized, under Section 91 of the Municipal Act, to apply to Government for the compulsory acquisition of the property for a public purpose."

*Carried.*

On the motion of Cowasjee Hormusjee, Esq., seconded by Muncherjee N. Banajee Esq., a cordial vote of thanks was proposed to Surgeon-Major G. Waters (proceeding to Europe on furlough) for his valuable services as member of the Standing Committee.

No. 7070.

*Carried* by acclamation.

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BOMBAY, 13*th March* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., B.M.I.M., F.R.G.S., F.R.A.S., A SOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.

The ACTING EXECUTIVE ENGINEER; the HEALTH OFFICER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on the 27th ultimo and 6th instant, were signed.

The Municipal Secretary informed the Standing Committee that the Commissioner was unable to be present at this meeting, on account of illness.

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* Shown on plan marked A, dated this day. Filed in supplement to Minute Book, 1888-89.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 7100. "That, as requested by the Commissioner, for reasons verbally explained through the Municipal Secretary, sanction be given to the cancelling of resolution No. 7011, dated 27th ultimo, and to the cancelling of Messrs. Hasan Ali Adamji's tender for the supply of petty stores during 1889-90.

"That until the Commissioner accepts another tender, sanction be given to the purchasing of petty stores at ruling market rates."

*Carried.*

*Resolved* : "That the following be *recorded* :—

No. 7101. "Memorandum No. 21332, dated 13th instant, from the Commissioner reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000 from the Tansa Loan deposit account No. 1 to the Municipal General Fund pass book, on the 7th instant."

Considered the following :—

Petition, dated 11th December 1888, from Mr. Bhugwandas Morlidhurdas and other residents of Lohar Chawl Street, Upper Mahim, praying that the street may be lighted with gas.

Memorandum No. 21034, dated 7th instant, from the Commissioner, reporting that the street in question is not a public street within the meaning of Section 3 (*x*) of the Municipal Act ; and that therefore, under Section 330 of the Act, it cannot be lighted by the Municipality.

*Resolved* : "That, in reply to their petition, dated 11th

No. 7102. December 1888, Mr. Bhugwandas Morlidhur and other residents of Lohar Chawl Street, Upper Mahim, be informed that the street in question is not a public street within the meaning of Section 3 (*x*) of the Municipal Act ; and that therefore, under Section 330 of the Act, it cannot be lighted by the Municipality."

Read memorandum No. 21035, dated 7th instant, from the Commissioner, forwarding correspondence relative to a suit brought on the High Court against the Municipality by Mr. Samuel Essaji.

Read letter, dated 17th December 1888, from Messrs. Crawford and Buckland to the Commissioner, as follows :—

SIR,—We have the honor to report that the High Court suit brought by one Samuel Essajee against Mr. F. L. Charles, the Acting Municipal Commissioner, claiming to be entitled to a strip of ground forming the frontage to the Sankli Road, Byculla, and included in the land agreed to be conveyed by Messrs. David Sassoon & Co., to the Municipal Corporation for the purpose of the road, came on for hearing before the Honorable Mr. Justice Bayley last week, when after the suit had been part heard the plaintiff proposed a settlement, and the following terms were accepted by Mr. Inverarity, Counsel for the Municipality :—that the plaintiff pay to the defendant Rs. 2,400 for the land colored blue on plan A annexed, to the written Statement, and containing 96 square yards, and on such payment the said land vest in and belong to the plaintiff, who abandons all claims in the suit, each party to pay his own costs.

In order to make these terms perfectly clear, we forward a tracing of the plan referred to and will explain fully the nature of the suit.

In May 1886, an exchange was agreed upon between Messrs. David Sassoon & Co., and the Municipality, in regard to land for the road, but no deed of exchange has as yet been executed. Under that agreement the land colored red, brown and blue on the plan sent herewith, is the land acquired from Messrs. David Sassoon & Co., for the purposes of the road, and it will be seen that there is vacant land both to the north and south of the road, that to the south colored blue being the land in dispute and claimed by the plaintiff who is the owner of the land further to the south and who naturally wished to obtain the frontage on the road.

In December 1887 the plaintiff built a wall to his ground close up to the road and on the land colored blue, which, under instructions from the Acting Municipal Commissioner who visited the spot, was pulled down by the Municipal officers and the material was thrown back on to the plaintiff's land. In February last the plaintiff submitted an application to build in the usual form, on the plan attached to which he showed his intention of building right up to the road. This application was returned to the plaintiff with the remark that as part of the land upon which he proposed to build belonged to the Municipality, the application could not be sanctioned, the portion of the ground which was claimed by the Municipality was shown on the plan annexed to the application, but unfortunately the Executive Engineer's Department marked on such plan much more land than it afterwards turned out that they were entitled to, *viz.*, 230 square yards instead of 96 square yards. This mistake was not discovered until after the plaintiff had filed this suit when it was found that the Collector's plan upon which the Executive Engineer's Department and Messrs. David Sassoon & Co., had both relied was incorrect and the error was remedied in the written statement. This mistake would, however, have certainly entitled the plaintiff to his costs up to the date of filing the written statement.

Shortly after the filing of the written statement, the plaintiff withdrew his claim to the frontage to the road but still claimed 44

of the 96 square yards claimed by the Municipality and suggested compromising the suit. Considerable correspondence passed on the subject and the Acting Municipal Commissioner in reply to a letter which we wrote to him on the subject on the 31st August last, under his No. 9672 of the 4th September, instructed us to settle the suit on the following terms:—The plaintiff to pay Rs. 25 a square yard for the land; the area to be determined between Mr. Morris, the plaintiff's Engineer and Mr. Smith, the Acting Executive Engineer, and each party to pay his own costs. It will, therefore, be seen that the terms now agreed upon are similar to the above terms with the exception that the plaintiff gives up his claim to the *whole* 96 square yards which he agrees to purchase for Rs. 2,400 or Rs. 25 a square yard.

Under the above circumstances and bearing in mind the difficulty of arriving at the exact area of the ground in dispute which depended upon the Collector's Revenue Survey Map of 1843, the scale of which is only 100 feet to an inch, we are of opinion the terms of the decree are most favorable to the Municipal Corporation.

No. 7103. *Resolved:* "That, as recommended by the Commissioner in his memorandum No. 21035, dated 7th instant, sanction be given, under Section 517 (*i*) and (*j*) of the Municipal Act, to the compromise of the suit brought by Mr. Samuel Essajee against the Municipality, as follows, *viz.*, that Mr. Essajee pays to the Municipality Rs. 2,400 in respect of the ground in dispute, situate to the south of Sankli Road, and measurring 96 square yards, and that on such payment the land vest in, and belong to, the plaintiff who abandons all claims in the suit; each party to pay his own costs.

"The Standing Committee regret that such a mistake in regard to the plan of the land, disclosed in the papers in this case, should have been made by the Executive Engineer's Department."

No. 7104. *Resolved:* "That sanction be given to the payment of compassionate allowance, amounting to Rs. 293-12-0, to the widow of Dharma Rama, late night turn-cock, Water Works Department."

Nos. 7105 &7106. *Resolved:* "That, as applied for by the Commissioner in his memoranda Nos. 21329 and 21330, dated 13th instant, sanction be given, under Section 172 of the Municipal Act, to the charging of Rs. 17-4-0 per month, from the 1st instant, for special halalcore service to Mr Manguldas Tapidas, in respect of his properties, Nos. 252, 252A, and 254, Arthur Road; and (2) Rs. 58-2-0 per month from the 1st instant, for

special halalcore service to H. H. Aga Sultan Mahomed Shah, in respect of His Highness' properties in Love Lane and Nesbit Road, as per list accompanying the Commissioner's memorandum No. 21329 of 1889-90.

Read letter No. 20642, dated 2nd instant, from the Commissioner, to the Secretary, as follows :—

SIR,—As I am making certain enquiries in connection with the contract for kerosine oil lighting during the year 1889-90, consequent on the very unsatisfactory lighting this year, and as these enquiries will take a few days more, I have, in anticipation of the sanction of the Standing Committee, asked the present contractor to continue the lighting for one month more, *viz.*, during March.—I have, &c., E. C. K. OLLIVANT, Municipal Commissioner.

*Resolved :* "That the Standing Committee approve of
No. 7107. the continuance, up to the 31st instant, of the present contract with Messrs. Bhómaji Shivaji & Co. for kerosine oil lighting."

*Resolved* : "That, as applied for by the Commissioner
No. 7108. in his letter No. 20831, dated 6th instant, sanction be given to the transfer of Rs. 32-8-0, from savings in Section I, Stores, Milch Cattle Stables, Health Department Budget, to Section IV, clothing to peons, same head, same Budget, to meet excess in the latter grant."

*Resolved :* "That, as applied for by the Commissioner in
No. 7109. his letter No. 20832, dated 6th instant, sanction be given to the transfer of Rs. 80, from savings in Section I., Establishment, Fire Brigade Budget, to Section VIII., Purchase of Horses, same Budget, to meet excess on account of charges for training two pairs of horses lately purchased for the Fire Brigade."

Read letter No. 20849, dated 6th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to report that, on the representation of the Health Officer, I have authorised the opening of a temporary Small-pox Hospital at the refuge sheds in Kamathipura and have sanctioned establishment and purchases as per list attached.

*Statement shewing Establishment and articles required for the Small-pox Hospital at Kamathipura.*

1 Medical man, Rs. 150 per month ; 1 apothecary, Rs. 50 per month ; 4 ward boys, Rs. 40 per month ; 1 Ayah, Rs. 12 per month ; 1 cook, Rs. 10 per month ; 2 Bigaries, Rs. 18 per month ; 2 Halalkhors, Rs. 23 per month ; 2 Sepoys, Rs. 22 per month.

*Diet*—50 patients, Rs. 400 per month ; contingencies, Rs. 50 per month : total Rs. 775.

*Articles*—Charpies 20 ; blankets 50; cumlies 50 ; pillows 50 ; mats 20.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Chairman—

"That the following be *recorded*:—Letter No. 20849, dated 6th instant, from the Commissioner, stating that he has authorized the opening of a temporary Small-pox Hospital in the refuge sheds, Kamatipura, at a monthly outlay of Rs. 775 per mensem and as per list attached.

No. 7110.

"That the Commissioner be asked to state when the compound of the Arthur Road Epidemic Hospital will be finished so as to allow of the hospital being used at any time."

*Carried.*

*Resolved*: "That, as applied for by the Commissioner in his letter No. 20853B, dated 6th instant, sanction be given to the acceptance by him of the tender of Mr. Naoroji Jehangirjee Gamadia—the only tender received—for the supply of good hill earth during the year 1889-90 for covering town sweepings deposit at the rate of Rs. 2 per brass of 100 cubic feet."

No. 7111.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 20763, dated 5th instant, sanction be given, under Section 351 of the Municipal Act III of 1888, to the demolition of a house built by Mr. Nowrojee Eduljee Ghadyali at Carroll Road."

No. 7112.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21115, dated 9th instant, sanction be given, under Section 351 of the Municipal Act, to the demolition of a shed built by Mr. Coovarjee Navrojee at Khetwady 6th Lane."

No. 7113.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21116, dated 9th instant, sanction be given, under Section 351 of the Municipal Act, to the demolition of a stable built by Mr. Seetaram Bhikajee at No. 133, Khetwady Back Road."

No. 7114.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21141, dated 9th instant, sanction be given, under Section 351 of the Municipal Act, to the demolition of a chawl built by Mr. Dewsi Nursey at Parel Chawl Road."

No. 7115.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21142, dated 9th instant, sanction be given, under Section 351 of the Municipal Act, to the demolition of a chawl built by Mr. Harichand Purshotam at Gilder Street."

No. 7116.

*Resolved* : "That sanction be given to the transfer of Rs. 1,203-5-0, from savings in Section I., Establishment, Fire Bridge Budget, to Section VI., Printing Voters' list, Commissioner's Budget, to meet excess in the grant for printing the list."

No. 7117.

Read letter, dated 29th October 1888, from Messrs. Denison & Co., complaining of the drainage operation being carried on in front of shop occupied by them at No. 33, Hummum Street.

Read memorandum No. 21231, dated 11th instant, from the Commissioner, forwarding copy of the Acting Executive Engineer's report, No. 11426, dated 12th January 1889, as follows :—

No smell has been observed to emanate from the disconnection chamber. The drain being trapped between the chamber, and the Municipal sewer, no smell could come from elsewhere than the house drain. It appears that the complainants desire to have the chamber removed from its present site, but this cannot be done unless the underground house drain is diverted by the complainants into an entirely different course. This can be done, though it would be costly. The disconnection chamber is intended as a temporary palliation of the insanitary arrangement of the drain in that it passes through the house. The position of the chamber is not so near the door as might be imagined from the complainants' letter ; it is in a corner formed by the projection of the adjoining house.

The chamber might be covered with a solid cover and a ventilating pipe connected, and carried up above the house, but this would not be so good an arrangement as the present, and the undersigned is of opinion that the Municipality should not incur so much expense with respect to a drain which ought never to have been constructed where it is and which it is desirable to abolish as soon as possible.

No. 7118. It was agreed that the foregoing papers be *recorded.*

On the application of the Municipal Secretary, the following was *withdrawn*, as the matter is one for the Corporation (see Section 437 of the Municipal Act III. of 1888) :—Letter No. 21151, dated 9th instant, from the Commissioner, asking that the Corporation may be recommended to approve of the opening of a new Chinese burial ground at Antop Hill.

No. 7119.

Read memorandum No. 21249, dated 11th instant, from the Commissioner, forwarding letter No. 5169 W., dated

28th January last, from the Deputy Executive Engineer, Water Works, as follows, and asking sanction under Section 69 (*e*) of the Municipal Act :—

SIR,—I have the honor to recommend for sanction by you, the following settlement of the contract with the Bombay Company, Limited, Agents for Messrs. P. W. McLellan for supply of Fire Hydrants and Sluice Valves.

2. The amount of tender was Rs. 17,066-10-8 as a lump sum for the supply of 150 3″ sluice valves, 200 4″ ditto, 100 6″ ditto, 30 9″ ditto—total 480 ; and 400 2½″ fire hydrants, and the supply should have been completed on the 4th day of July 1888.

3. The contractors were much behind time in delivery, and the date of completion for the whole was 20th December 1888.

4. In lieu of inflicting daily fines, I recommend the following settlement :—Payment as per tender Rs. 17,066-10-8 ; *Deduct*—for 15 Fire Hydrants urgently wanted and ordered from Messrs. Richardson & Cruddas at Rs. 18-8-0 each, Rs. 277-8-0 ; for extra payment to Messrs. Dinsha Cawasjee Bhedwar & Co., on account of delay, Rs. 90 ; for extra payment to Messrs. M. R. Bhaijibhai & Co., on account of delay of 28 Hydrants at Rs. 4, Rs. 112 ; ditto of one 6″ Sluice Valve, Rs. 10 ; for 12 Fire Hydrants not delivered at Rs. 10-8 each, Rs. 126 ; for Sluice Valves not delivered or delivered damaged, 1 3″ diameter not delivered, Rs. 15 ; 1 3″ slightly damaged, Rs. 5 ; 1 4″ useless, Rs. 25 ; 1 6″ slightly damaged, Rs. 5, Rs. 665-8-0. Rs. 17,066-10-8 *minus* Rs. 665-8-0=16,401-2-8 ; *Add*—for 27 damaged Hydrants at Rs. 6, Rs. 162=Rs. 16,563-2-8 ; already paid Rs. 16,500. Balance Rs. 63-2-8.

The deposit of Rs. 2,000 may also be returned.

No. 7120. It was agreed that the Commissioner be asked to state whether in his opinion this is not a case in which the fine should be enforced ?

The further consideration of this matter was postponed.

No. 7121. *Resolved* : "That, as applied for by the Commissioner in his letter No. 21144, dated 9th instant, sanction be given to the transfer of Rs. 1,600, from savings in Section I, Establishment, Fire Brigade Budget, to (1) Section III, contingencies for extinguishing fires, Rs. 400 ; and (2), Section IV, compensation to European and other police officers for damage done to their clothing, same budget, Rs. 1,200, to meet expenditure already incurred under the two sections up to the 28th February last."

No. 7122. *Resolved :* "That, as applied for by the Commissioner in his memorandum No. 21333, dated 13th instant, sanction be given to the severance of water connections as per list forwarded with the said memorandum."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 11th March 1888.*

No. 7123. Read and *recorded* memorandum from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889. | | | | Rs. | |
| March 3 | Tardeo ..... | A small quantity of waste cotton in the blow room of Jivraj Balu Mill caught fire, which was soon extinguished. | .. | .... | Caused by waste cotton coming in contact with the machinery which had got overheated. |
| „ 4 | Gilder Street.. | Some hay stacked on the ground of Issa bin Fazla was burnt down. | .. | 15 | Not known. |
| „ 7 | Samuel Street. | 2 Tarpaulins ..... | Narayan Jadhowjee. | 3 | Not known. |
| „ 8 | Argyle Road.. | A portion of the roof of a four storeyed house. | Mohanji Nanji. | 125 | Careless smoking. |

No. 7124. *Resolved* : " That sanction be given to the transfer of Rs. 10,397-6-7 as per list accompanying the Commissioner's letter No. 21287, dated 12th instant, to meet excess in the grant for water supply to different departments of the Municipality."

No. 7125. *Resolved :* " That, with reference to Resolution of the Standing Committee, No. 7060, dated 6th instant, sanction be now given to the transfer of Rs. 663, from Water Works maintenance, Section V, repairing and repitching dam No. 2, Vehar, to Section II, Coals, Love Grove Pumping Station, in addition to the transfer of Rs. 3,311-14-1, already sanctioned from the former grant, this further transfer being necessitated by a mistake in the Chief Accountant's Office, by which the savings in the grant, lighting, Section II, gas lighting, F, lighting at the Wellington and Frere fountains, was shown in the above Resolution at Rs. 2,743, instead of Rs. 2,080."

Proposed by Raghunath Narayan Khote, Esq., seconded by Jeverilal Umiashankar Yajnik, Esq.—

No. 7126. " That, as proposed by the Commissioner in his letter No. 21328, dated 13th instant, sanction be given to the acceptance of the tender of Mr. Rahim Ibrahim Jamalani—the lower of two tenders received—for the supply of firewood for cremation of the dead bodies of Hindus during the year 1889-90 at the rate of Rs. 5 per khandy."

*Carried.*

* *See* Appendix **B**.

BOMBAY, 20*th March* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.

E. C. K. OLLIVANT. Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 13th instant were signed.

Read letter No. 15692, dated 14th instant, from the Acting Executive Engineer, to the Commissioner, as follows :—

SIR,—With reference to the correspondence ending with your No. 19103 of 5th February 1889, and the interview I had with you on the subject on the 7th instant, I have the honour to request the favour of your sanction, with the assent of the Standing Committee, to my disapproving of the building plans submitted by the agent of the Sun Mill. The reason for such disapproval would be that the position and direction of the streets likely to be required in the future have not yet been laid down or determined. The portion colored yellow on the accompanying tracing indicates the site proposed.

Read also memorandum No. 21675, dated this day, as follows :—

*Urgent.*—Forwarded to the Municipal Secretary with a request that this letter may be laid before the Standing Committee at their meeting to-day. Unless in this and similar cases action is taken, under Section 348 (*b*) of the Municipal Act, the evils of the neighbourhood of the old Race Course will be repeated over and over again in the northern parts of the island by the conversion of large tracts of rice-fields into building areas, without any methodical arrangement or sanitary precautions.

E. C. K. OLLIVANT, Commissioner.

*Resolved :* "That, under the circumstances mentioned in letter No. 15692-B, dated 14th instant, from the Acting Executive Engineer, and the explanation of the Municipal Commissioner thereon, the Standing Committee assent to the Commissioner's disapproving of the building plan submitted by the Sun Mill Company on Parel Flats, shown on the tracing (accompanying the Executive Engineer's letter No. 15692-B, dated 14th instant), marked A, and dated this day, as the direction and position of the streets likely to be required in the future in the said locality, have not yet been laid down or determined."

No. 7150.

Read letter from the Acting Executive Engineer, No. 15788-B, dated 15th instant, to the Commissioner, asking him to obtain the assent of the Standing Committee to the disapproval of the erection of a building by the Jubilee Manufacturing Co., Ld., on certain sites at Sewri near Jakeria Bandar, as the position and direction of the streets likely to be required in the future in the locality have not yet been laid down or determined.

Read also memorandum No. 21676, dated this day, from the Commissioner, as follows :—

*Urgent.*—Forwarded to the Municipal Secretary with a request that this matter being urgent may be brought before the Standing Committee at their meeting to-day. The reference is under Section 348 (*b*) of the Municipal Act and the conditions are in the main similar to those alluded to in my No. 21675 of this date.

E. C. K. OLLIVANT, Commissioner.

*Resolved :* "That, under the circumstances mentioned in letter No. 15788-B, dated 15th instant, from the Acting Executive Engineer, and the explanation of the Commissioner thereon, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by the Jubilee Manufacturing Co., Ld., on certain sites at Sewri, shown on the tracing (accompanying the Acting Executive Engineer's letter), marked B, and dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 7151.

Read Letter No. 15895-B, dated 18th instant, from the Acting Executive Engineer, to the Commissioner, asking that the assent of the Standing Committee may be obtained to the disapproval of the erection of a building by Mr. Dewjee Asha, close to the G. I. P. Railway Station at Matoonga, as the position and direction of the streets likely to be required in the future in the locality, have not yet been determined.

Read also memorandum No. 21677, dated this day, from the Commissioner, as follows :—

*Urgent.*—Forwarded to the Municipal Secretary with a request that this may be laid before the Standing Committee at their meeting to-day for action under Section 348 (*b*) of the Municipal Act. The circumstances are similar to those alluded to in my No. 21675, dated to-day.

E. C. K. OLLIVANT, Commissioner.

*Resolved :* "That, under the circumstances mentioned in letter No. 15895-B, dated 18th instant, from the Acting Executive Engineer, and the explanation of the Commissioner thereon, the Standing

No. 7152.

Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Dewjee Asha, on a site close to the G. I. P. Railway Station at Matoonga, shown on the tracing (accompanying the Acting Executive Engineer's letter), marked C, and dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

Read letter No 15795-B, dated 15th instant, from the Acting Executive Engineer, to the Commissioner, asking that the assent of the Standing Committee may be obtained to the disapproval of the erection of a building by Mr. Moosabhoy Fazulbhoy Doctor, close to the G. I. P. Railway Station at Matoonga, as the position and direction of the streets likely to be required in future in the locality have not yet been determined.

Read memorandum No. 21678, dated this day, from the Commissioner, as follows :—

*Urgent.*—Forwarded to the Municipal Secretary with a request that this may be laid before the Standing Committee at their meeting to-day for action under Section 348 (*b*) of the Municipal Act. The circumstances are similar to those alluded to in my No. 21675 of to-day's date. E. C. K. OLLIVANT, Commissioner.

No. 7153. *Resolved :* "That, under the circumstances mentioned in letter No. 15795-B., dated 15th instant, from the Acting Executive Engineer, and the explanation of the Commissioner thereon, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Moosabhoy Fazulbhoy Doctor on a site close to the G. I. P. Railway Station at Matoonga, shown on the tracing (accompanying the Acting Executive Engineer's letter), marked D, and dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 7154. *Resolved* : That, as applied for by the Commissioner in his memoranda Nos. 21679, 21680, 21681, dated 20th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| (1) Mr. Dagdoo Babajee ... | Privy at Nos. 35-43, Mount Road. |
| (2) Mr. Jewan Gopal ... | Temple at Bhoewada Road. |
| (3) Messrs. Kreestna Gepar and Govind Gepar | Privy at No. 14, Trimbak Parashram Street. |

Considered again letter, dated 9th December 1887, from Mr. Fukeer Hadji Essa Hadji, asking that he may be paid a higher rate than that fixed by the Council for the land taken from his property at Nos. 49-68, New Bengalpura Street, for the improvement of the line of that thoroughfare, namely, Re. 10 per yard, as the land in question was purchased by him at Rs. 25 per square yard.

Read memorandum from the Commissioner, No. 21686, dated 20th instant, stating that the applicant was requested to produce his title deeds to prove a higher rate, but he has not yet done so.

No. 7155. *Resolved* : "That, in reply to his letter, dated 9th December 1887, Mr. Fukeer Hadji Essa Hadji be informed that in default of evidence that he is entitled to a higher rate than that fixed by the late Town Council for the land taken from his property at No. 49—68, New Bengalpora Street, the Standing Committee adhere to the rate fixed for the ground in question by the Town Council on the 14th April 1886, and 31st August 1886."

The seal of the Corporation was affixed to deeds of contracts—

No. 7156. With Mr. Sitaram Luxumon, for the construction of catch-water channels at Vehar and Tulsi, and for concrete work at the Tulsi Lake waste weir.

No. 7157. With Mr. Huri Shridhar, for the supply, during 1889-90, of rubble stone at Rs. 5 per brass of 100 cubic feet.

No. 7158. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 21687, dated 20th instant, sanction be given to the transfer of Rs. 120, from savings in Section I., Establishment, Love Grove Pumping Station, Engineer's Budget, to Section IV, Contingencies, same head, same Budget, to meet the charges for inspection by the Government Inspector of the Boilers at the Love Grove Pumping Station."

No. 7159. *Resolved* : "That, as applied for by the Commissioner in his letter No. 21683, dated 20th instant, sanction be given to the transfer of Rs. 400, from savings in Section IV., cost of lighting Slaughter Houses, Markets and Slaughter Houses, Health Department Budget, to Section VII., Miscellaneous Stores, same head, same Budget, to meet cost of stores purchased up to 28th February 1889."

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 21672, dated 20th instant, sanction be given, under Section 172 of the Municipal Act III of 1888, to the charging of Rs. 22-6-0 per month, from the 1st instant, for special Halalkhore service to Mr. Sitaram Luxumon, in respect of his property Nos. 69-70, Currey Road."

No. 7160.

The consideration of the following was further postponed:—Memorandum No. 21249, dated 11th instant, from the Commissioner, asking sanction, under Section 69 (*e*) of the Municipal Act, to the settlement, proposed by the Deputy Executive Engineer, of the contract with the Bombay Company, Limited, Agents for Messrs. P. W. McLellan, for the supply of fire hydrants and sluice valves.

*Resolved*: "That the following be *recorded*:—

"Letter, dated 8th January 1889, from Mr. R. Jamshedjee Soobedar, complaining of the drainage operation being carried on in 3rd Marine Lane.

No. 7161.

"Memorandum No. 21684, dated 20th instant, from the Commissioner, stating that the work in the street has been completed and the cause of complaint removed."

Considered again letter, dated 19th February 1889, from Messrs. Ardesir, Hormusji and Dinshaw, on behalf of Mr. Sadashiv Vishwanath Dhurandhar, protesting against the cutting off of water connection at Ward Nos. 4431—4444, situate at Cathedral Street, and requesting that enquiries may be made in the matter.

Read further letter, dated 13th instant, from ditto on the above subject.

Read memorandum No. 21685, dated 20th instant, from the Commissioner, stating that the property was inspected on different occasions by the Ward Inspector and the Chief Inspector. They are both prepared to swear that they saw water actually used from the tap of the service pipe of the house in question for building purposes at the adjoining property.

*Resolved*: "That in reply to their letters, dated 19th ultimo and 13th instant, on behalf of Mr. Sadashiv Vishvanath Dhurandhar, Messrs. Ardesir, Hormusji and Dinshaw be informed that the property in question was inspected on different occasions by officers of the Municipality, who saw water actually used from the tap of the service pipe of the house in question for building purposes at the adjoining property."

No. 7162.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 18th March 1888.*

Read and *recorded* memorandum No. 21674, dated 20th instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. |
|---|---|---|---|---|---|
| 1889. 11th Mar. | Victoria Dock | Canvas, rope and other Stores in the sail-room of S. S. "Chilka." | B. I. S. Navigation Co. | Cannot be ascertained till a survey is held. | Not known. |
| 14th Mar. | Ghogari Mohalla. | A quantity of grass and the roof of the stable were partly burnt. | Haji Kudar Rahimtula | Rs. 35 | Not known. |

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21673, dated 20th instant, sanction be given to the severance of water connections as per list forwarded with the said memorandum."

No. 7163.

In connection with this item of business, the Commissioner informed the Standing Committee, that of the 484 notices of the severances of water connections issued during the past six months, it has only been necessary to carry out 32 of the notices, and that even of those disconnections, some have been renewed.

The Standing Committee expressed their satisfaction at this announcement.

Read letter No. 21705, dated 20th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to enclose an extract from a letter received from Mr. Rienzi Walton, and to request that his present 15 months' sick leave may be extended by six months. The whole leave for 21 months to be either sick leave or furlough as may be most advantageous to Mr. Walton.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

*Extract from letter from Mr. Walton, dated 1st February* 1889.

I am sorry to say I have been very ill again, and Doctor Hunter who is attending me, has warned me that my return to India in July next is quite out of the question, and that I must apply for an exten-

* *See* Appendix B.

sion of six months' sick leave. I am unfortunately ignorant of the formalities necessary for such an application and write to ask if you will kindly assist me so far with the necessary information on the subject. I have been in bed for the past sixteen days.

No. 7164. It was agreed that the Commissioner be asked to report as to the further leave which can be granted, and that in the meantime he be asked to inform Mr. Walton that six months' extension of leave, the nature of which will hereafter be communicated to him, has been sanctioned.

No. 7165. *Resolved* : That with reference to the Resolution of the Standing Committee No. 5869, dated 30th January 1889, the words "Tansa Water Works Loan" between the words "bonds" and "or" be omitted, and the word "other" be inserted between the words "of" and "securities," and figure "24" between the words "from" and "February" be alterted to "14."

Read letter No. 21688, dated 20th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—On the 18th December last there was an accidental collision between a tram-car and a Municipal steam roller and the tram-car was damaged to the extent of Rs. 26-4. The Tramway Company called upon me to pay the amount, but on inquiring into the matter, I came to the conclusion that it was reasonable that the damages should fall in equal shares on the Municipality and the Tramway Company, and to this arrangement the Tramway Company have assented. There was not, in my opinion, any gross negligence, if negligence at all, on the part of the driver of the steam roller, and therefore I think that the sum of Rs. 13-2 should be paid out of the Municipal Fund. For this apparently the approval of the Standing Committee is necessary under Section 501 of the Municipal Act. Subject to their approval, I propose to pay this sum out of my discretional allowance.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 7166. *Resolved :* That the Standing Committee approve of the payment of Rs. 13-2-0, to the Tramway Company in settlement of the Company's claim for damage done to a tram-car by an accidental collision with a steam roller, the amount to be debited to the Commissioner's discretional allowance.

No. 7167. *Resolved :* "That the following be *recorded* :—Memorandum No. 21682, dated 20th instant, from the Commissioner, reporting with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Tansa Loan deposit account No. 1 to the Municipal General Fund pass book, on the 15th instant."

BOMBAY, *27th March* 1889.

AT the meeting of the Standing Committee, held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*
COWASJEE HORMUSJEE, Esq., C.C.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the DEPUTY EXECUTIVE ENGINEER, Waters Works; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 20th instant, were signed.

No. 7205. *Resolved:* "That, as applied for by the Commissioner in his memorandum No. 21793, dated 22nd instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Nathoo Walji ... ... | ... Lohar Chawl, Mahim." |

No. 7206. *Resolved* : "That the following be *recorded* :—Memorandum No. 22099, dated 26th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfers of Rs. 74,537-4-10 : from (1) the Drainage and Water Works Loan deposit account, Rs. 8,155-13-2; (2) the new Sanitary Loan deposit account No. 2, Rs. 2,601-11-8, and (3) the Tansa Loan deposit account No. 1, Rs. 63,779-12-0, to the Municipal General Fund pass book, on the 20th instant."

No. 7207. *Resolved:* "That, as applied for by the Commissioner, in his memorandum No. 22099, dated 26th instant, sanction be given to transfers being made during the current week from different loan funds to the Municipal General Fund pass book for payment of interest on the Tansa Loan—(1) to the extent of about 5 lakhs of rupees in addition to the 5 lakhs allowed to be transferred in each month by Standing Committee's Resolution No. 4484, dated 3rd October 1888 ; (2) to such transfers being made in instalments above a lakh of rupees if necessary ; and (3) to the transfer of Rs. 2,10,518-2-3 from the Municipal General Fund pass book to the Tansa Loan Interest deposit account for the investment of the unexpended balance of the grant for 1888-89."

*Resolved:* "That sanction be given to the transfer of Rs. 60, from savings in Section III., Fees of Councillors, Town Council and Corporation Budget, to Section II., Office Establishment in the same Budget, to meet the allowance due to Mr. Narayan Ramchander for acting for 3 months for Mr. Ramchander Muckoondjee, Head Clerk, Municipal Secretary's Office, whilst on privilege leave."

No. 7208.

Read the following :—

Letter No. 5932W., dated 11th instant, to the Commissioner, as follows :—

SIR,—I have the honor to request you to grant me three months' privilege leave. I joined my office on the 20th May 1886 and have had no leave (except casual leave). My salary is Rs. 800 per mensem. I understand that the leave applied for is, according to Leave Rules, available now, but having regard to the difficulties of water supply in the hot season and to the supervision of works in progress, I do not desire to leave before the 31st May or thereabout.—I have, &c.,

S. TOMLINSON, C.E.,
Deputy Ex. Engineer, in charge Water Works.

Letter No. 22203, dated 27th instant, from the Commisioner, to the Secretary, as follows :—

SIR,—Attached to this letter is an application from the Deputy Executive Engineer for Water Works, Mr. Tomlinson, for three months' privilege leave, from the 28th May, which, under Section 84 of the Minicipal Act, I propose to grant, provided the Standing Committee approve of the following arrangements for the discharge of Mr. Tomlinson's duties during his absence. Under present circumstances I could not spare Mr. Tomlinson except during the rainy season, but both for his health and for his work I should be very sorry to stand in the way of his obtaining the leave asked for.

Mr. C. E. Hawkes, who is the Resident Engineer on the Tansa Dam, will not be required there during the monsoon except for occasional visits, as no construction work will be going on, and I propose to ask him to undertake Mr. Tomlinson's duties during that officer's absence, if the Standing Committee will sanction a charge allowance to Mr. Hawkes of Rs. 100 per mensem. I propose also to allow Mr. Hawkes to occupy free of charge the Warli bungalow should he desire to do so. The charge allowance can be met either by a transfer or by debit to my discretional allowance.

Having regard to the proposals for extension of filter bed accommodation and for additional roofing over storage basins hitherto unroofed, works which will entail a very large expenditure, I think that it will be advisable to instruct Mr. Tomlinson to extend his absence for two months on duty on the same terms. Mr. Tomlinson is willing to do this and to visit without extra charge for travelling expenses, some of the principal Water Works on the continent of Europe and also in the United States of America, where the conditions more nearly resemble those which we have to consider in Bombay.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

*Resolved* : "That the Standing Committee sanction the
No. 7209. appointment of Mr. Hawkes of the Tansa Water Works to act as Deputy Executive Engineer, Water Works, during the absense on leave of Mr. Tomlinson, and to the payment of a charge allowance of Rs. 100 per mensem to Mr. Hawkes.

"That sanction be given to the arrangement proposed by the Commissioner that, after the expiration of the three months' privilege leave to which he is entitled, Mr. Tomlison be retained on special duty for two months on half-pay and to the payment to him of a sum for travelling allowance whilst inspecting Water Works, not exceeding Rs. 400 per mensem, in lieu of all allowances."

*Resolved* : "That the seal of the Corporation be affixed
No. 7210. to deed of contract with Messrs. Fakir Mahomed Babunbhoy & Co., for the construction of pipe sewers and branch pipe drains, Bellasis Road, Foras Road and Gilder Street.

"That, as recommended by the Commissioner in his memorandum No. 21737, dated 20th instant, sanction be given to the amount of deposit mentioned in the contract as above being altered from Rs. 3,000 to Rs. 2,000."

*Resolved:* "That the Standing Committee by virtue
No. 7211. of Section 72, clause 3, of the Municipal Act III. of 1888, hereby authorise the Commissioner to accept the offer of Mr. Baksar Babaji, namely, to supply heifers for the Vaccination Department at Rs. 10-4-0 per heifer, and to purchase back each such heifer used by the Vaccination Department at Rs. 3-8-0 each. The charge to be debited to the grant for Vaccination.

"The Standing Committee authorize the Commissioner to enter into this contract without inviting tenders for such supply, as the Vaccination Department have reported to the Commissioner that the butchers entered into a combination to charge excessive rates for heifers required for vaccination purposes."

Read letter No. 22107, dated 26th instant, from the Commissioner to the Secretary, as follows :—

SIR,—For reasons already explained to the Standing Committee it has been necessary to cancel the acceptance of Messrs. Hasanali Adamjee's tender for the supply of petty stores for the ensuing year. In lieu thereof I propose, with the approval of the Standing Committee, to accept the tender of Messrs. Heptoola Sheik Adam & Co. This firm was one of the original tenderers, but the aggregate of their rates exceeded the rates of Messrs. Hasanli Adamjee by about Rs. 7,600. The

subsequent interpolation in Messrs. Hasanali Adamjee's tender reduced this difference by Rs. 1,435, and on revision Messrs. Heptoola Sheik Adam have reduced certain of their tendered rates, such reduction resulting in an aggregate estimated saving of Rs. 5,400. Thus the estimated difference between this tender and the one previously accepted will be Rs. 800 only.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banaji, Esq.—

No. 7212. "That, as proposed by the Commissioner in his letter No. 22107, dated 26th instant, sanction be given to the acceptance of the tender of Messrs. Heptoola Sheik Adam & Co. for the supply of petty stores at schedule rate during 1888-90, in place of the tender of Messrs. Hasanali Adamjee, which has been cancelled."

*Carried.*

Regarding the question of the contract for lighting by kerosine oil during 1888-90, it was—

No. 7213. *Resolved:* "That the Commissioner be authorized to accept the tender of Mr. Jangam Dharmaji or such other tender as the Commissioner may consider advisable, the result being reported to the Standing Committee."

No. 7214. Read and *recorded* letter No. 22145, dated 26th instant, from the Commissioner, reporting that he has sold the right to fish and plant shingodas in the Municipal channels, sluices and tanks as per the following list:—

| Localities. | Amount realized in 1887-88. | Amount realized in 1888-89. | Amount offered for 1889-90. |
|---|---|---|---|
| Fishing in | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. Warli Channel and Sluices, the Tank called Mingootmandly | 500 0 0 | 525 0 6 | 925 0 0 |
| 2. Dharavi Sluices | 25 0 0 | 20 0 0 | 25 0 0 |
| 3. Mahalaxmi Storm-water Reservoir | 850 0 0 | 675 0 0 | 789 0 0 |
| 4. Futka Tank at Matunga | ..... | ..... | 5 0 0 |
| Planting and gathering singodas in— | | | |
| (*a*) Salvi Tank near Parbhadevi | 14 0 0 | 34 0 0 | 30 0 0 |
| (*b*) Digi Tank at Mahim | 43 0 0 | 105 0 0 | 70 0 0 |
| (*c*) Hasali Tank | 22 11 0 | 36 0 0 | 70 0 0 |
| (*d*) Satgoo Tank at Sion | 5 0 0 | 5 0 0 | 7 0 0 |
| (*e*) Jamli Tank at Mahim | 10 0 0 | 25 0 0 | 24 0 0 |
| (*f*) Water-hole Khelakakhadak at Sion | 6 0 0 | 6 0 0 | 6 0 0 |
| (*g*) Water-hole east side of Haines Road and north of Pardhan House | 6 0 0 | 5 0 0 | 5 0 0 |

The consideration of the question of charging the Khatau Makonji S. & W. Co., Ld., for drawing water from the Sankli Tank, was postponed.

*Resolved:* "That, as applied for by the Commissioner in his memorandum No. 2177, dated 22nd instant, sanction be given under Section 169 (*b*) of the Municipal Act III. of 1888, to the charging of Rs. 10 to the Western India Volunteer Athletic Association, from the 11th to the 14th instant, both inclusive, for water drawn by the Association, from the mains running along on each side of the oval opposite the Secretariat, for watering the ground used for the annual tournament of the Association."

No. 7215.

*Resolved:* "That, as proposed by the Commissioner in his letter No. 22106, dated 26th instant, the Corporation be recommended to sanction, under Section 288 of the Municipal Act III. of 1888, the supply of water to the rifle range, Bandora, at the rate of one rupee per 1,000 gallons."

No. 7216.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21943, dated 25th instant, the Corporation be recommended to sanction the writing off of Rs. 891-3-2, from the live stock return of the Markets and Slaughter Houses Department, being the book value of 2 bullocks that died and 2 that were destroyed, and the difference between the book value and sale proceeds of 7 cast bullocks."

No. 7217.

*Resolved:* "That, as applied for by the Commissioner in his letter No. 22254, dated 27th instant, sanction be given to the transfer of Rs. 1,240, from savings in Section III., disposal of town sweepings (earth to cover kutchra deposits), Conservancy Branch, Health Department Budget, to Section II., labour, A, scavengering, and B, drain cleaning (feed of bullocks), same head, same Budget, to meet excess in the grant for feed of bullocks."

No. 7218.

*Resolved:* "That, as applied for by the Commissioner in his letter No. 22255, dated 27th instant, sanction be given to the transfer of Rs. 250, from savings in Section III., contingencies for extinguishing fires, Fire Brigade Budget, to Section I., Establishment, same Budget, to meet excess in the grant for establishment of the Brigade."

No. 7219.

The consideration of application for sanction to the settlement proposed by the Deputy Executive Engineer of the contract with the Bombay Co., Ld., for the supply of fire hydrants and sluice valves was further postponed.

*Resolved:* "That the consideration of the following, which has been referred to the Commissioner for remarks, be postponed."

No. 7220.

Further letter, dated 20th instant, from Messrs. D'Souza and Peter Crasto, regarding the condition of cesspool in Matharpakhadi.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 22196, dated 27th instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

No. 7221.

*Ordered:* "That the following be laid on the table :—

No. 7222.

Letter, dated 20th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, stating that they have audited the weekly statements of receipts and disbursements of each week for February last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 25th March 1888.*

Read and *recorded* memorandum No. 22166, dated 26th instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

| Date. | Locality. | Nature of property destroyed. | Name of owner. | Estimated damage. | Cause of fire. |
|---|---|---|---|---|---|
| 1889 March 14 | Victoria Bandar. | A quantity of cotton .... | Scott Press Co. | Rs. 300 | Attributed to friction. |
| „ „ | Lower Colaba. | Ditto .... | Chanda Ramji Cotton Press Co. | „ 32 | Attributed to friction. |
| „ 19 | Modi Street .. | A small quantity of coir rope. | Hadji Mahomed Seedic Dervish. | Ans. 8 | Incautious use of a native fire place. |
| „ 22 | Masjid Bunder | A portion of the gateway and a few gunny bags. | Ralli Brothers.. | Rs. 15 | Not known. |
| „ „ | Dharavi..... | Hut ..... | Mahadu Bhima.. | „ 5 | Leaving the fire in the hut burning after the occupants had retired to sleep. |

*Resolved:* "That, as recommended by the Commissioner in his memorandum No. 22040, dated 26th instant, the rate for the 22·91 square yards, or thereabout, of ground taken for the improvement of Bhaji Pala Street from Mr. Alibhai Tyabji, be increased to Rs. 30 per yard."

No. 7223.

* *See* Appendix B.

At 3 o'clock the Standing Committee adjourned as the Corporation met at that hour. At the conclusion of the Corporation meeting at 5 o'clock, the Standing Committee re-assembled and proceeded to dispose of the remaining items of business as follows :—

No. 7224. *Resolved:* "That, as applied for by the Commissioner in his letter No. 22108, dated 26th instant, sanction be given to the transfer of Rs. 400, from savings in Section III., disposal of town sweepings, earth to cover kutchra deposit, Conservancy Branch, Health Department budget, to Section V., stores, same head, same budget, to meet the cost of disinfectants purchased up to 28th February 1889."

No. 7225. *Resolved :* "That, as recommended by the Commissioner in his memorandum No. 22097, dated 26th instant, sanction be given to the payment of compassionate allowance of Rs. 37-6-9, to the widow of Sadoo Govind, late peon, Municipal Commissioner's Department."

No. 7226. *Resolved :* "That sanction be given to the transfer of Rs. 1,700, from savings in Section I., purchase of materials (sand stone), road repairs, Engineer's budget, to Section II., Labour and Road Scraping, same head, same budget, to meet excess on the grant for labour and road scraping."

No. 7227. *Resolved* : "That sanction be given to the transfer of Rs. 3,000, from savings in Section I., bullocks and Bhisties, Road Watering, Engineer's budget, and in Section I., Superior Staff, Engineer's Establishment, same budget, to Section II., water carts, road watering, same budget, to meet excess in the grant for Road Watering by cart."

No. 7228. *Resolved :* "That sanction be given to the transfer of Rs. 1,500, from savings in the grant for pensions and gratuities, to the grant for repairs to Municipal buildings, Engineer's Budget, to meet excess in the latter grant."

No. 7229. *Resolved :* "That sanction be given to the transfer of Rs. 2,625, from savings in Section II., Gas Lighting, A, Streets and Bandars, lighting, Engineer's budget, to Section V., contingencies, stationery, &c., Engineer's Establishment, same budget, to meet excess in the grant for printing and stationery, Engineer's Department."

No. 7230. *Resolved* : "That sanction be given to the transfer of Rs. 2,916-10-8, from savings in the grant for interest on loans, House Rate and Market Loans, to the grant for interest on the Sanitary Works Loan of 1887-88, to meet excess in the latter grant."

No. 7231. *Resolved:* "That sanction be given to the transfer of Rs. 2,532-0-0, from savings in Section III., disposal of town sweepings, earth to cover kutchra deposit, Conservancy Branch, Health Department budget, to Section IV., repairs, same head, same budget, and to Section IX., repairs to Markets and Slaughter Houses, Market budget, to meet excess in the latter grants."

No. 7232. *Resolved:* "That sanction be given to the transfer of Rs. 4,600, from savings in the grants under (1) Section I., Superior Staff, Engineer's Department, (2) Section II., Gas Lighting, A, Streets and Bunders, Section III., B, lighting the Rajabai Clock Tower, and C, Contingencies, Lighting, (3) Road Watering, Section IV., proportion of cart repairs, Engineer's Budget, and (4), Pensions and Gratuities, to the grant for Love Grove Pumping Station, Section III., repairs to machinery, and Section IV., contingencies and stores, Engineer's Budget, to meet excess in the latter grant."

No. 7233. Read and *recorded* letter No. 22263, dated this day, from the Commissioner, reporting that he has sold by public auction the rights (1) to collect squatters' fees at the different markets, and (2), to collect fair ground and feeding fees at Bandora Slaughter Houses, for one year, from 1st April 1889 to 31st March 1890, as follows :—

| | 1889-90. | 1888-89. |
|---|---|---|
| | Rs. | Rs. |
| Fort Market, Mr. Ebrahim Sallay Mahomed ..... | 1,620 | 1,600 |
| Arthur Crawford Fish, Mutton and Beef Markets, Hadji Sher Mahomed Hadji Amanulla and Hadji Ahmed Abu ..... | 7,200 | 7,550 |
| Erskine Road Fish and Mutton Market, Mr. Ahmed Imam ..... | 11,700 | 13,500 |
| Pedder Market, Mr. Parashram Ganuji ..... | 1,590 | 1,600 |
| Arthur Crawford Market Scales, Messrs. Rahmanbhai Hasanbhai and Hadji Noor Mahomed Hadji Mazula ..... | 2,550 | 2,175 |
| Fair ground and feeding fees at Bandora Slaughter Houses ..... | 52,000 | 55,700 |

*Resolved*: "That, as applied for by the Commissioner in his letter No. 22248, dated 27th instant, sanction be given to the transfer of Rs. 8,675-2-0, from savings in the amount provided for Tansa Water Works, to meet the excess in the grant for establishment for the same works."

No. 7234.

*Resolved*: "That the Corporation be recommended to authorise the Standing Committee and the Secretary to sign cheques for the following expenditure not separately provided for in the budget for 1889-90, as advances to be subsequently adjusted against budget grants or by cash recoveries:—

No. 7235.

| | Rs. |
|---|---|
| Workshops (advances for Establishment and Stores)... ... | 1,63,400 |
| Advances to Municipal Officers ... ... ... ... | 15,000 |
| Private and Departmental works ... ... ... ... | 10,000 |
| Carbolic acid, cement, &c. ... ... ... ... ... | 25,000 |
| Unclaimed wages ... ... ... ... ... ... | 4,000 |
| Building and repairs certificate and water connection forms... | 2,000 |
| Purchase of stores for Water Works, maintenance and new works ... ... ... ... ... ... ... ... | 1,00,000 |
| Rs. | 3,19,400 |

H. WYNFORD BARROW,
Municipal Secretary.

STANDING COMMITTEE OFFICE,
*April* 1889.

## Appendix A.

# Health Officer's Report for the First Quarter of 1888.

Exclusive of still-born, 5,076 deaths were registered during the quarter, being 57 more than in the corresponding quarter of the last year, but 1 less than in the last quarter. The death-rate is equal to 26·25 per 1,000 of population, calculating on the census of 1881, and 22·51 allowing for increase of population since 1881.

Notwithstanding the occurrence of an epidemic, the general health of the Hindu, Parsee and European populations was good. Not calculating for the increase of population, the rate of mortality of Hindus was under 25, Parsees 20, and Europeans 21, which may be considered favorable rates of mortality during an epidemic period.

Examining the statistics according to place of birth, we find that 2,709 persons, including still-born, were born in Bombay, that 2,566 were born outside of Bombay, and that the place of birth of 55 persons could not be ascertained.

The fever mortality is 128 more than in the corresponding quarter of the past year, but 131 less than the average of the preceding five years. Of the total deaths from fevers, the largest number were referred to remittent fever—1,121—being 51 more than in the preceding three months and 168 more than in the corresponding months of the past year ; 274 to simple continued fever, being 44 less than in the last quarter and 55 less than in the corresponding period of the last year ; 46 to ague and 3 to enteric fever. In all 1,444 deaths were ascribed to fevers.

From small-pox 211 deaths were registered, being 191 more than in the past quarter and 187 more than in the corresponding period of the last year.

As I anticipated an epidemic of small-pox occurred with the beginning of this year, I would refer to the remarks in the last Annual Report. A special small-pox hospital was formed and opened on the 12th March 1888 and notices pointing out and urging the necessity of vaccination and of re-vaccination circulated by me. The special measures of sanitation and vaccination adopted when an epidemic of small-pox occurs, were vigourously carried out.

From measles 68 deaths were registered, being 43 more than in the last three months, but 153 less than in the corresponding quarter of the last year.

The mortality from cholera is 43 less than in the preceding three months, but 12 more than in the corresponding period of the last year. There were 21 cases, of which 15 proved fatal.

From diseases of the respiratory system 1,032 deaths were registered—91 more than in the last quarter, but 20 less than in the corresponding quarter of the last year. Of the deaths from diseases of the respiratory system, 621 were ascribed to bronchitis, being 52 more than in the preceding three months, but 13 less than in the corresponding quarter of the last year ; 218 were referred to pneumonia, being 23 more than in the fourth quarter of 1887, but 33 less than in the corresponding quarter of the last year.

To diseases of the digestive system 548 deaths were ascribed, being 61 more than in the last quarter, but 50 less than in the corresponding quarter of the last year ; of the deaths from diseases of the digestive system, 244 were referred to diarrhœa, being 17 more than in the last quarter, but 10 less than in the corresponding quarter of the last year ; 165 to dysentery, being 49 more than in the last quarter, but 16 less than in the corresponding quarter of the past year ; 139 deaths were referred to all other diseases of the digestive system.

From diseases of the nervous system 391 deaths were registered, being 100 less than in the preceding three months and 10 less than in the corresponding period of the last year.

The mortality from phthisis is 164 less than in the past quarter and 50 less than in the 1st quarter of 1887.

To the general affection—dropsy—27 deaths were referred, being 11 more than in the corresponding quarter of the last year.

From diseases of the circulatory system 36 deaths were registered, being 6 less than in the last quarter.

16 deaths were due to leprosy, being 5 less than in the past quarter and 6 less than in the corresponding quarter of the last year.

From diseases of the urinary system 17 deaths were registered, being 3 less than in the preceding three months and 1 less than in the corresponding period of the last year.

To diseases of the generative system 36 deaths were referred, being 33 less than in the last quarter and 3 less than in the corresponding period of the last year.

From affections of the organs of locomotion and cellular tissue 15 deaths were registered, being 4 less than in the last quarter and 12 less than in the corresponding three months of the past year.

5 premature births were registered.

The deaths from old age and debility were 13 more than in the last quarter and 31 more than in the corresponding months of the last year. I believe the increase in the mortality from old age and debility to be due to the increasing numbers of poor and houseless people in the City.

The deaths from accidents and violence amounted to 87, being 2 less than in the last quarter, but 1 more than in the corresponding quarter of the last year. 17 deaths were ascribed to

poisoning, being the same number as in the last quarter, but 6 more than in the corresponding quarter of the last year. Of the deaths from poisoning, 9 were suicidal and 8 accidental; of the latter 1 was from snake-bite. The deaths from drowning were 2 less than in the last quarter and 5 more than in the corresponding months of the last year; 8 were suicidal, 7 accidental, and in 5 instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the city is shown below :—

| | Per 1,000 of Population. | |
|---|---|---|
| Hindus | 24·80 | The increase of population in each class has not been estimated; the mortality is, therefore, less than shown. |
| Hindus, low-caste | 34·68 | |
| Mussalmans | 30·55 | |
| Parsees | 20·82 | |
| Europeans | 21·05 | |

The infant mortality is 46 more than in the last quarter, and 93 more than in the corresponding quarter of the past year. 2,117 children under 5 years of age died.

| | No. of Deaths. | Per 1,000 of Population. |
|---|---|---|
| Under 1 year | 1,446 | 255·52 |
| „ 2 years | 353 | 89·40 |
| „ 3 years | 176 | 49·97 |
| „ 4 years | 86 | 25·13 |
| „ 5 years | 56 | 14·40 |

At the burying and burning grounds of the city 3,281 bodies were buried—1,542 burnt, and 253 conveyed to the Towers of Silence.

4,098 living—2,103 males and 1,995 females—and 254 still-born births were registered. The births in this quarter are 227 more than in the corresponding quarter of the last year. The birth-rate is equal to 18·18 per 1,000 of population, allowing for increase of population since 1881, and 21·20 on the census of 1881.

T. S. WEIR,
*Health Officer.*

BOMBAY, 25*th June* 1888.

## BOMBAY MUNICIPALITY.

### RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FIRST QUARTERS OF 1887 AND 1888.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born, in 1887. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1888. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 23 | 32·08 | 52 | 72·54 |
| | Middle and Lower Colaba | 88 | 24·67 | 62 | 17·38 |
| | Fort, Southern | 4 | 4·55 | 7 | 7·96 |
| | „ Northern | 164 | 19·39 | 184 | 21·75 |
| | Esplanade | 46 | 14·06 | 56 | 17·12 |
| B | Market | 226 | 18·40 | 262 | 21·33 |
| | Mandvi | 258 | 24·36 | 259 | 24·46 |
| | Chukla | 336 | 36·27 | 317 | 34·22 |
| | Oomarkhari | 365 | 26·71 | 410 | 30·00 |
| | Dongri | 161 | 19·34 | 188 | 22·58 |
| C | Dhobi Talao | 267 | 27·10 | 216 | 21·92 |
| | Fanasvadi | 109 | 18·77 | 100 | 17·22 |
| | Bhuleshwar | 273 | 28·65 | 250 | 26·23 |
| | Khara Talao | 216 | 30·11 | 236 | 32·90 |
| | Kumbharwada | 225 | 25·72 | 212 | 24·23 |
| | Khetwadi | 198 | 26·90 | 188 | 25·54 |
| | Girgam | 182 | 28·75 | 166 | 26·22 |
| D | Chaupati | 52 | 18·95 | 52 | 18·95 |
| | Walkeshvar | 43 | 15·21 | 39 | 13·80 |
| | Mahalakshmi | 50 | 32·09 | 50 | 32·09 |
| E | Mazagon | 191 | 27·37 | 191 | 27·37 |
| | Tarwadi | 146 | 40·15 | 146 | 40·15 |
| | 2nd Nagpada | 168 | 42·20 | 173 | 43·46 |
| | Kamathipura | 278 | 39·07 | 259 | 39·92 |
| | Tardeo | 110 | 21·69 | 132 | 26·03 |
| | Byculla | 214 | 31·89 | 226 | 33·67 |
| | 1st Nagpada | 74 | 31·58 | 79 | 33·71 |
| | Parel | 170 | 36·63 | 210 | 45·25 |
| | Sewri | 34 | 24·66 | 35 | 25·20 |
| F | Sion | 80 | 18·56 | 75 | 17·40 |
| | Mahim | 115 | 26·57 | 105 | 24·26 |
| | Worli | 89 | 24·34 | 106 | 28·99 |
| Water Division | | 17 | 2·73 | 18 | 2·89 |
| Non-resident and unknown | | 47 | ..... | 48 | ..... |
| | Total... | 5,019 | 22·76 | 5,076 | 22·51* |

* Allowing for increase of population since 1881.

# RETURN OF BIRTHS AND DEATHS FOR THE FIRST QUARTER OF 1888.

| Months. | Births. | Deaths. | | | | | | | | | Annual Rate of Mortality per 1,000 of Population. | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total Fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other diseases under Digestive System. | | | | | | | | |
| January | 1,416 | 38 | 16 | 5 | 524 | 82 | 58 | 43 | 874 | 1,640 | 25·45 | 29·974 | 75·1 | 65·1 | ·72 | 1·85 |
| February | 1,255 | 57 | 21 | 1 | 399 | 78 | 46 | 50 | 929 | 1,581 | 24·53 | ·951 | 76·8 | 66·5 | ·71 | ·02 |
| March | 1,427 | 116 | 31 | 10 | 521 | 84 | 61 | 46 | 986 | 1,855 | 28·78 | ·890 | 80·8 | 71·5 | ·74 | ·10 |
| Total... | 4,098 | 211 | 68 | 16 | 1,444 | 244 | 165 | 139 | 2,789 | 5,076 | * 22·51 | 29·938 | 77·5 | 67·7 | ·72 | 1·97 |
| Corresponding Quarter | 3,871 | 24 | 221 | 3 | 1,316 | 254 | 181 | 163 | 2,857 | 5,019 | 22·76 | 29·893 | 75·8 | 65·2 | ·70 | ... |

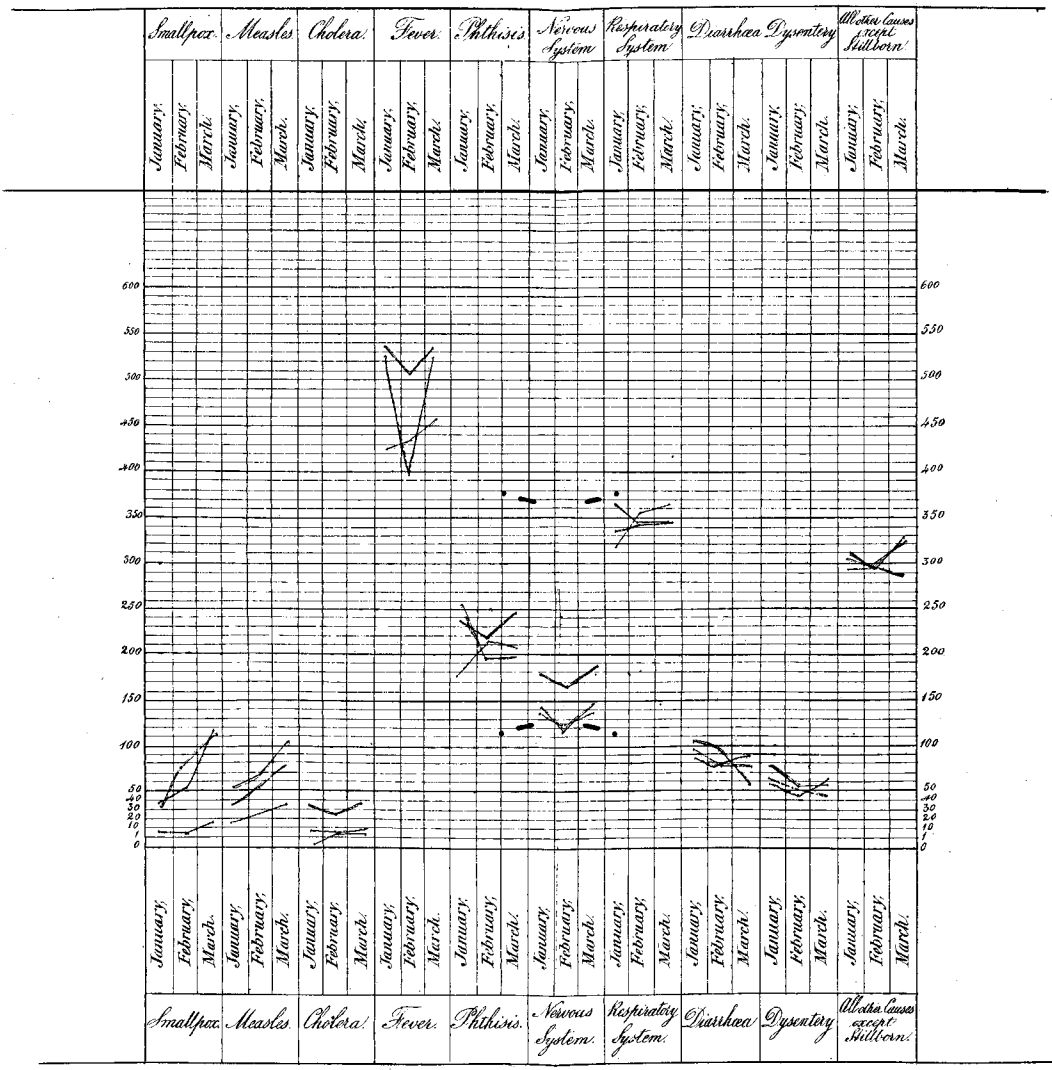
* Allowing for increase of population since 1881.

*RETURN showing the Number of Children successfully Vaccinated, the Number of those whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination, during the First Quarter of* 1888.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | |
| 1st Quarter of 1888 ... | 5,247 | 1,164 | 6,411 | 3 | 2 | |

# DIAGRAM.

**DIAGRAM** - *Shewing the number of deaths from different causes in the 1st Quarter of 1888 (**RED**) as compared with the corresponding Quarter of last year (**YELLOW**) and the mean of the preceding 5 years (**GREEN**).*



# Health Officer's Report for the Second Quarter of 1888.

THE health of the city during the second quarter has not been so good as in the first three months of the year.

Exclusive of still-born, 5,863 deaths were registered during the quarter, being 787 more than in the last quarter; the death-rate is equal to 26·01, allowing for increase of population since 1881.

Examining the statistics according to place of birth, we find that 3,293 persons, including still-born, were born in Bombay; that 2,743 were born outside of Bombay, and that the place of birth of 71 persons could not be ascertained.

The fever mortality is 278 more than in the past quarter and 344 more than in the corresponding quarter of last year, and 143 more than the average of the preceding five years. Of the total deaths from fevers, 1,316 were referred to remittent fever, being 195 more than in the preceding three months, and 249 more than in the corresponding period of last year; 359 to simple continued fever, being 85 more than in the last quarter and 93 more than in the corresponding months of the past year; 45 to ague and 2 to enteric fever. In all 1,722 deaths were ascribed to fevers.

Although the mortality from cholera is not high, it is 115 more than in the first quarter of the year and 118 more than in the corresponding quarter of last year. There were 195 cases, of which 130 proved fatal.

During this quarter an extraordinary importation of cholera cases occurred. On Monday, the 2nd of April, 23 persons returning from a pilgrimage were landed without the knowledge of the Harbour authorities from the S. S. "Bhownugger" ill from choleraic symptoms and diarrhœa. On the 6th April, I found 15 of the passengers, who had gone to live in a Dhurumshalla, ill from cholera in that Dhurumshalla where there were 100 other persons, four in a building in which there were 715 people, two in a building in which there is a school, and of the scholars of that school two were attacked within three days of the arrival of the passengers and one died, three in a house in which there were 160 other persons, and one in a house in which there were 152 other persons. The buildings to which the pilgrims had gone and in which they were

suffering from cholera were close to each other. I have never seen a more appalling sight than the 15 persons ill from cholera in the hall of the Dhurumshalla. They were of all ages and of both sexes. I at once wrote to the Health Officer of the Port—"pointing "out that some 23 persons suffering from symptoms like cholera "were landed last Monday from a steamer called 'Bhownugger,' but "of this name I am not certain, and proceeded into the city; with "these persons we are dealing; but the circumstance I have spe- "cially to bring to your notice is the statement of some of the per- "sons now ill, that deaths occurred on board the steamer from an "illness stated to be cholera. Some of the persons ill went to reside "in a building in which is a school, and of the scholars in this school "two have since been ill from choleraic symptoms. The people "are said to be inhabitants of the Palitana State."

The Health Officer of the Port replies as follows: "I was "unable to obtain any information concerning the S. S. 'Bhow- "nugger' until to-day; as that vessel, which arrived here on the "2nd instant, sailed again for Bhownugger before the receipt of "your letter, and only returned from Bhownugger Saturday "morning.

"I now forward the report of the Water Police concerning the "circumstances of the case.

"I have reported the matter to the Custom House authorities, who "will probably take steps under the provisions of the Native "Passengers Ship Act to prosecute the commander of the "S. S. 'Bhownugger' for not reporting the deaths which occurred "during the voyage, and I have directed the captain of the vessel "to thoroughly disinfect her.

"In conclusion I may state that the cause of these deaths "escaping notice is to be found in the rule which permits certain "small coasting vessels to enter and leave the port without the "services of a pilot."

The report of the Water Police is as follows:—"The "S. S. 'Bhownugger' sailed from Bhownugger on the 1st "instant at 6 a.m., and arrived in Bombay Harbour on the 2nd in- "stant at 5-30 p.m., with 187 passengers. It appears that she "sailed from Bhownugger with 190 passengers, three of whom died "on the voyage from choleraic symptoms as shown in the accom- "panying list. On the arrival of the steamer in the Harbour the "passengers were landed at Mody Bay, and went to their respec- "tive homes, and it appears since that 25 passengers named in the "accompanying list have been affected with the same symptoms, "out of whom five have been reported dead. The captain "is unable to say whether the passengers came from Palitana or "not, but that they all embarked at Bhownugger, and were not

"supplied with any food by him. The captain further states that "he did not report the casualties of the voyage to the authorities "on his arrival at Bombay."

Our attention was drawn to the cases by the people living near them, for the occurrence of so many cases had caused some alarm. On making enquiries from pilgrims who had been passengers on board the steamer and who were not ill we were informed that deaths had occurred on board the steamer; and other deaths had occurred amongst the pilgrims at the place of pilgrimage and also while the pilgrims were waiting to embark at Bhownugger on the S. S. "Bhownugger."

The following evidence of one of the passengers gives a very graphic description of the rapidity with which the body of a person dying on board one of the coasting steamers in a voyage of 35 hours will be cast into the sea and disappear, not only the body, but evidence of the cause of death.

"L. J., a native of Kutch Mandvee, who was a passenger by the "S.S. 'Bhownugger,' said he had been on a pilgrimage to Palitana "from Bombay and while there he had been told there was a good "deal of sickness about. He went from Palitana to Songad and "from there to Bhownugger, where he put up at a Dhurumshalla. "It was also occupied by a number of other persons, some of whom "he saw were very ill, and a few of this number subsequently died "from the effects of the disease. After the witness went on board "the steamer at that port, he observed that some of the persons who "had also come on board were sent ashore again owing to their "illness. In all about six or eight persons were sent away. The "day following that on which the steamer left Bhownugger about "four or six of the passengers were taken ill, three of whom died "and were buried at sea. He could not say what these persons "were suffering from. About five or six days after the vessel had "arrived in Bombay, witness went to a wady where he saw some "of his fellow passengers suffering from what he believed to be "cholera."

The facts appear to be as follows:—About 200 passengers had embarked on board the S.S. "Bhownugger," but some of them were sent ashore owing to being ill from cholera, and between Bhownugger and Bombay one male and two females died and their bodies were cast overboard. The master of the vessel was prosecuted by Government, and we gave evidence and he was fined Rs. 200. The excuse which the master put forward was that he thought that somebody would have reported, what he should have reported himself, the occurrence of the cases. The concealment of the cases was bad enough, but the departure of the steamer from Bombay to Bhownugger with other passengers without having been disinfected aggravated the offence.

Had it not been for the vigilance of Inspector Glover, the cases would not have been discovered so soon as they were, and the prompt measures taken would not have been possible. It is remarkable that from the time of the importation of the cases by the S. S. "Bhownugger" cholera was more prevalent; but there were only two deaths from cholera in the week ending 20th March, one in the week ending 27th March, and two in the week ending 3rd April, while there were 8 in the week ending 10th April, 8 in the week ending 17th April, and 10 in the week ending 24th April.

This is not the only case of importation of cholera cases, but in the second case the steamer was disinfected before leaving the port.

248 deaths from small-pox have been registered, being 202 more than in the corresponding months of the past year, and 37 more than in the last quarter.

But during this quarter not only has there been an importation of cholera cases but there has also been an importation of persons suffering from small-pox. On the 2nd of May, 627 pilgrims were landed from the S.S. "Stura." An epidemic of small-pox appears to have broken out amongst the pilgrims while on the voyage, and on arrival in Bombay it was found that seven of the pilgrims were suffering from small-pox; these seven pilgrims were taken ashore and sent to hospital. But until a house was found the pilgrims were huddled together under a passenger shed on the foreshore, and from the foulness which they caused a serious nuisance arose. As soon as the arrival of the pilgrims and the occurrence of small-pox amongst them was known to the Health Officer of the Port, a vaccinator was sent on board to vaccinate them, and all of them who had not been vaccinated and who had not suffered from small-pox were vaccinated; in all 333 were vaccinated. This was well and promptly done. The pilgrims were landed, and after some time placed in a house to the east of the Fort on Mody Bay and on vacant ground near that house. After the pilgrims were landed, five more cases occurred amongst the pilgrims.

Now as to sanitary conveniences for these pilgrims while awaiting for another steamer they were very indifferent. There were only two privies. For the pilgrims in the house there were two privies and for the pilgrims on the open ground there were none. The serious feature was this, that no official could do anything to secure better accommodation for the pilgrims. Although the house was fearfully overcrowded, it was clean; but outside the house the ground was not clean, for the pilgrims had to use it for natural purposes. The crowding on the open ground was not so serious as the nuisance around it, for there was no place set apart for natural purposes. Being strangers, the pilgrims suffered more than they would otherwise have done.

APPENDICES.

From measles 89 deaths were registered, being 21 more than in the last quarter, but 170 less than in the corresponding quarter of last year.

To diseases of the Respiratory system 1,046 deaths were referred, being 14 more than in the past quarter and 170 more than in the corresponding quarter of last year. Of these deaths, 668 were ascribed to bronchitis, being 47 more than in the last quarter, and 120 more than in the corresponding quarter of the past year; 220 deaths were referred to pneumonia, being 29 more than in the last quarter and 2 more than in the corresponding months of the last year.

From diseases of the digestive system, 583 deaths were recorded, being 35 more than in the preceding quarter and 75 more than in the corresponding period of last year. Of the deaths from diseases of the digestive system, 259 were referred to diarrhœa, being 15 more than in the last quarter and 15 more than in the corresponding quarter of last year. To dysentery 178 deaths were referred, being 13 more than in the last quarter and 47 more than in the corresponding quarter of last year. To all other diseases of the digestive system, 146 deaths were referred.

The mortality from phthisis is 70 more than in the last quarter but 42 less than in the corresponding quarter of last year.

From diseases of the nervous system, 465 deaths were registered, being 74 more than in the last quarter, but 29 less than in the corresponding quarter of last year.

To diseases of the circulatory system, 38 deaths were referred, being 2 more than in the last quarter, but 8 less than in the corresponding quarter of last year.

17 deaths were registered under the head of leprosy.

To the general affection, dropsy, 32 deaths were referred, being 5 more than in the preceding three months and 17 more than in the corresponding quarter of last year.

19 deaths were registered under the head of diseases of the urinary system.

From diseases of the generative system 58 deaths were registered, being 22 more than in the preceding three months and 13 more than in the corresponding period of last year.

24 deaths were ascribed to affections of the organs of locomotion, being 9 more than in the last quarter and 3 more than in the corresponding quarter of last year.

To diseases of the cutaneous system, 2 deaths were ascribed, being 3 less than in the corresponding months of last year.

2 premature births were registered.

BOMBAY MUNICIPALITY.

The deaths from old age and debility were 68 less than in the last quarter but 148 more than in the corresponding period of last year.

The deaths from accidents and violence amounted to 93, being 6 more than in the last quarter, but 8 less than in the corresponding quarter of last year. 20 deaths were ascribed to poisoning, being 3 more than in the last quarter and 1 more than in the corresponding quarter of last year; of the deaths from poisoning, 9 were suicidal and 11 accidental, of the latter 5 were from snake-bite. The deaths from drowning were 5 more than in the last quarter and 3 more than in the corresponding quarter of last year. 11 were suicidal, 6 accidental, and in 8 instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the city is shown below—

| | Per 1,000 of population. | |
|---|---|---|
| Hindus ... ... ... | 29·74 | The increase of population in each class has not been estimated; the mortality is, therefore, less than shown. |
| Hindus, Low-caste ... ... | 37·21 | |
| Mussulmans ... ... ... | 32·04 | |
| Parsees ... ... ... | 25·51 | |
| Europeans ... ... ... | 20·66 | |

The infant mortality is 607 more than in the last quarter and 299 more than in the corresponding quarter of the past year. 2,724 children under 5 years of age died.

| | No. of Deaths. | Per 1,000 of Population. |
|---|---|---|
| Under 1 year | 1,864 | 329·38 |
| „ 2 years | 491 | 124·35 |
| „ 3 „ | 209 | 59·34 |
| „ 4 „ | 92 | 26·89 |
| „ 5 „ | 68 | 17·49 |

At the burying and burning grounds of the city 4,005 bodies were buried, 1,771 burnt, and 331 conveyed to the Towers of Silence.

3,963, living—2,043 males, 1,920 females—and 244 still-born births were registered. The births in this quarter are 395 more than in the corresponding quarter of the last year, but 135 less than in the preceding three months. The birth-rate is equal to 17·58 per 1,000 of population, allowing for increase of population since 1881, and 20·50 on the census of 1881.

T. S. WEIR,

*Health Officer.*

BOMBAY, *25th October* 1888.

## APPENDICES.

### RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE SECOND QUARTER OF 1887 AND 1888.

| Divisions. | LOCALITIES. | Number of Deaths, exclusive of Still-born, in 1887. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1888. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 22 | 30·80 | 44 | 61·38 |
| | Middle and Lower Colaba | 74 | 20·75 | 78 | 21·87 |
| | Fort, Southern | 2 | 2·27 | 6 | 6·82 |
| | „ Northern | 219 | 25·89 | 200 | 23·64 |
| | Esplanade | 47 | 14·37 | 72 | 22·01 |
| B | Market | 224 | 18·23 | 306 | 24·91 |
| | Mandvi | 325 | 30·69 | 349 | 32·93 |
| | Chukla | 365 | 39·40 | 344 | 37·14 |
| | Oomarkhari | 381 | 27·88 | 439 | 32·12 |
| | Dongri | 217 | 26·07 | 255 | 30·63 |
| C | Dhobi Talao | 249 | 25·27 | 274 | 27·81 |
| | Fanasvadi | 99 | 17·05 | 138 | 23·77 |
| | Bhuleshwar | 261 | 27·39 | 255 | 26·76 |
| | Khara Talao | 246 | 34·29 | 233 | 32·48 |
| | Kumbharwada | 197 | 22·52 | 242 | 27·66 |
| | Khetwadi | 157 | 21·33 | 189 | 25·68 |
| | Girgam | 174 | 27·48 | 227 | 35·86 |
| D | Chaupati | 52 | 18·95 | 63 | 22·96 |
| | Walkeshvar | 43 | 15·21 | 63 | 22·29 |
| | Mahalakshmi | 52 | 33·37 | 65 | 40·11 |
| E | Mazagon | 143 | 20·49 | 201 | 28·81 |
| | Tarwadi | 135 | 37·13 | 161 | 44·28 |
| | 2nd Nagpada | 154 | 38·68 | 145 | 36·42 |
| | Kamathipura | 228 | 32·05 | 257 | 36·12 |
| | Tardeo | 107 | 21·10 | 170 | 33·52 |
| | Byculla | 248 | 36·95 | 247 | 36·80 |
| | 1st Nagpada | 71 | 30·30 | 108 | 46·09 |
| | Parel | 142 | 30·60 | 235 | 50·64 |
| | Sewri | 29 | 20·88 | 37 | 26·64 |
| F | Sion | 65 | 15·08 | 90 | 20·88 |
| | Mahim | 76 | 17·56 | 127 | 29·34 |
| | Worli | 74 | 20·24 | 160 | 43·77 |
| Water Division | | 12 | 1·92 | 15 | 2·41 |
| Non-resident and unknown | | 43 | ..... | 68 | ..... |
| | Total... | 4,933 | 22·37 | 5,863 | 26·01* |

* Allowing for increase of population since 1881.

# RETURN OF BIRTHS AND DEATHS FOR THE SECOND QUARTER OF 1888.

| Months. | Births. | Deaths. | | | | | | | | | Annual Rate of Mortality per 1,000 of Population. | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total Fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other diseases under Digestive System. | | | | | | | | |
| April | 1,276 | 119 | 36 | 36 | 574 | 86 | 67 | 49 | 1,062 | 2,029 | 31·33 | 29·812 | 83·3 | 74·0 | ·74 | ... |
| May | 1,355 | 91 | 31 | 40 | 571 | 87 | 59 | 59 | 1,039 | 1,977 | 30·68 | ·760 | 85·0 | 75·2 | ·73 | ... |
| June | 1,332 | 38 | 22 | 54 | 577 | 86 | 52 | 38 | 990 | 1,857 | 28·82 | ·667 | 83·4 | 77·5 | ·83 | 15·76 |
| Total... | 3,963 | 248 | 89 | 130 | 1,722 | 259 | 178 | 146 | 3,091 | 5,863 | * 26·01 | 29·779 | 83·9 | 78·9 | ·76 | 15·76 |
| | 3,568 | 46 | 259 | 12 | 1,378 | 244 | 131 | 133 | 2,730 | 4,933 | 22·37 | 29·749 | 82·9 | 74·6 | ·76 | 24·18 |

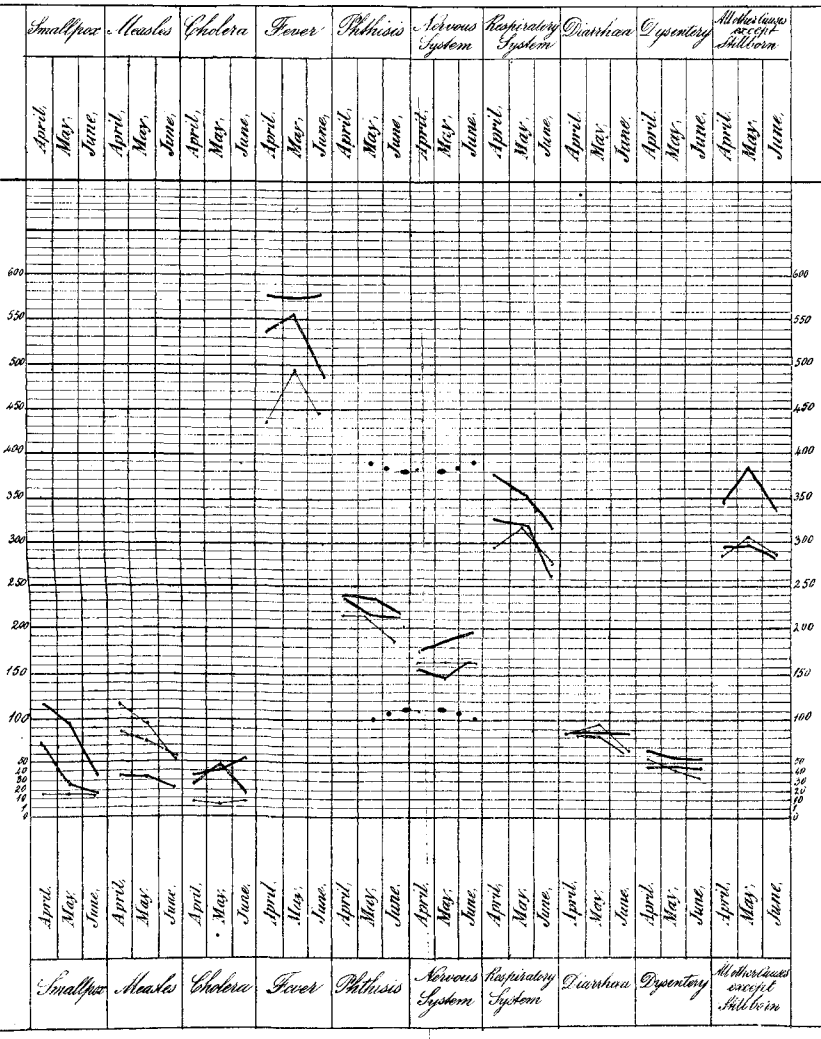
* Allowing for increase of population since 1881.

*RETURN showing the Number of Children successfully Vaccinated, the Number of those whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination, during the Second Quarter of* 1888.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | |
| 2nd Quarter of 1888 ... | 3,065 | 719 | 3,784 | 4 | 4 | |

# DIAGRAM.

**DIAGRAM** — *Shewing the number of deaths from different causes in the 2nd Quarter of 1888 (RED) as compared with the corresponding Quarter of last year (YELLOW) and the Mean of the preceding 5 years (GREEN).*



# Health Officer's Report for the Third Quarter of 1888.

EXCLUSIVE of still-born, 5,927 deaths were registered during the quarter, being 64 more than in the past quarter, and 443 more than in the corresponding quarter of the last year. The death-rate is equal to 26·29 per 1,000 of population, allowing for increase of population since 1881. Contrasted with the corresponding quarter of the previous year there is an increase of mortality from the following causes: fevers, phthisis, diseases of the respiratory system, dysentery, and a decrease from the chief epidemic disease types—small-pox, measles, cholera—diseases of the nervous system and diarrhœa. The chief cause of the increased mortality is fevers and the higher incidence of fever mortality is synchronous with abnormal atmospheric conditions indicated in a scanty rainfall. A decreased mortality from epidemic causes during a period of increased mortality from fevers is remarkable.

Examining the statistics according to place of birth, we find that 3,319 persons, including still-born, were born in Bombay, that 2,942 were born outside of Bombay, and that the place of birth of 39 persons could not be ascertained.

The Fever mortality is 31 less than in the second quarter of this year, but 217 more than in the corresponding quarter of the last year, and 174 more than the average of the preceding 5 years; of the total deaths from fevers 1,220 were referred to remittent fever, being 96 less than in the last quarter, but 131 more than in the corresponding months of the past year; 404 were ascribed to simple continued fever; and 67 to ague. In all 1,691 deaths were ascribed to fevers.

The mortality from Small-pox is 234 less than in the last quarter and 4 less than in the corresponding months of the past year.

From Measles 23 deaths were registered, being 66 less than in the previous quarter and 19 less than in the corresponding quarter of the last year.

The mortality from cholera is 51 more than in the last quarter, but 15 less than in the corresponding period of the last year. There were 273 cases, of which 181 proved fatal.

The deaths from diseases of the Respiratory system were 3 less than in the past quarter, but 47 more than in the corresponding months of the last year; 1,043 deaths were registered under the head of diseases of the Respiratory system; of these 675 were ascribed to

Bronchitis, being 7 more than in the past quarter, and 51 more than in the corresponding quarter of the last year ; 221 to Pneumonia, being 1 more than in the preceding three months, and 6 less than in the corresponding quarter of the last year.

To diseases of the Digestive system 641 deaths were ascribed, being 58 more than in the previous quarter and 6 more than in the corresponding months of the past year ; of the deaths from diseases of the Digestive system, 306 were referred to Diarrhœa, being 47 more than in the last quarter, but 39 less than in the corresponding period of the last year ; 209 were ascribed to Dysentery, being 31 more than in the past quarter and 67 more than in the corresponding quarter of the last year ; and to all other diseases of the digestive system, 126 deaths were referred.

From diseases of the Nervous system 586 deaths were registered, being 121 more than in the preceding three months, but 10 less than in the corresponding period of the last year.

The mortality from Phthisis is 113 more than in the last quarter and 88 more than in the corresponding period of the last year.

From diseases of the Generative system 58 deaths were registered, being 5 more than in the corresponding months of the past year.

To diseases of the Circulatory system 40 deaths were referred, being 2 more than in the last quarter and 1 more than in the corresponding quarter of the last year.

18 deaths were registered under the head of Leprosy.

To the general affection Dropsy 33 deaths were referred, being 1 more than in the preceding three months and 4 more than in the corresponding months of the last year.

14 deaths were registered under the head of diseases of the Urinary system.

From diseases of the organs of Locomotion and Cellular Tissue 24 deaths were registered, being 6 less than in the corresponding quarter of the last year.

To diseases of the Cutaneous system 9 deaths were ascribed, being 7 more than in the past quarter and 6 more than in the corresponding period of the last year.

5 Premature births were registered.

The deaths from old age and debility were 31 more than in the preceding three months and 68 more than in the corresponding quarter of the last year.

The deaths from accidents and violence amounted to 97, being 4 more than in the past quarter and 9 more than in the corresponding period of the last year. 21 deaths were ascribed to Poisoning, being 1 more than in the previous quarter and 1 more than in the corresponding quarter of the last year ; of the deaths from Poisoning 14 were suicidal and 7 accidental ; of the latter 1 was from snake-bite. The deaths from drowning were 4 more than in the preceding three months and 2 more than in the corresponding quarter of the last year ; 21 were suicidal, 5 accidental, and in 3 instances the circumstances under which death took place were not known.

## APPENDICES.

The rate of mortality of the chief races living in the City is shown below :—

| | Per 1,000 of Population. | |
|---|---|---|
| Hindus ... ... ... | 29·43 | The increase of population in each class has not been estimated; the mortality is, therefore, less than shown. |
| Hindus, Low-caste ... ... | 37·29 | |
| Mussulmans ... ... ... | 35·28 | |
| Parsees ... ... ... | 23·29 | |
| Europeans ... ... ... | 17·22 | |

The infant mortality is 262 less than in the last quarter and 10 less than in the corresponding period of the last year.

2,462 Children, under 5 years of age, died.

| | No. of Deaths. | Per 1,000 of Population. |
|---|---|---|
| Under 1 year | 1,747 | 308·71 |
| „ 2 years | 393 | 99·53 |
| „ 3 „ | 151 | 42·87 |
| „ 4 „ | 103 | 30·10 |
| „ 5 „ | 68 | 17·49 |

At the burying and burning grounds of the City 4,015 bodies were buried, 1,970 burnt and 315 conveyed to the Tower of Silence.

There has been a considerable improvement in the registration of births this quarter—4,133 living; 2,141 males and 1,992 females, and 373 still-born births were registered, being 170 more than in the last quarter and 368 more than in the corresponding quarter of the last year. The birth-rate is equal to 18·33 per 1,000 of population, allowing for the increase of population since 1881 and 21·38 on the Census of 1881.

T. S. WEIR,
*Health Officer.*

## BOMBAY MUNICIPALITY.

RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE THIRD QUARTER OF 1887 AND 1888.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born, in 1887. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1888. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 16 | 22·32 | 35 | 48·83 |
| | Middle and Lower Colaba | 71 | 19·90 | 77 | 21·59 |
| | Fort, Southern | 3 | 3·41 | 4 | 4·55 |
| | „ Northern | 190 | 22·46 | 195 | 23·05 |
| | Esplanade | 60 | 18·34 | 46 | 14·06 |
| B | Market | 289 | 23·52 | 237 | 19·29 |
| | Mandvi | 380 | 35·89 | 330 | 31·12 |
| | Chukla | 374 | 40·38 | 340 | 36·70 |
| | Oomarkhari | 453 | 33·15 | 465 | 34·03 |
| | Dongri | 191 | 22·94 | 190 | 22·82 |
| C | Dhobi Talao | 337 | 34·20 | 311 | 31·56 |
| | Fanasvadi | 119 | 20·50 | 122 | 21·01 |
| | Bhuleshwar | 251 | 26·34 | 280 | 29·39 |
| | Khara Talao | 205 | 28·58 | 258 | 35·96 |
| | Kumbharwada | 254 | 29·03 | 246 | 28·12 |
| | Khetwadi | 183 | 24·86 | 191 | 25·95 |
| | Girgam | 175 | 27·64 | 221 | 34·91 |
| D | Chaupati | 55 | 20·04 | 61 | 22·23 |
| | Walkeshvar | 30 | 10·61 | 50 | 17·69 |
| | Mahalakshmi | 83 | 53·27 | 53 | 34·01 |
| E | Mazagon | 177 | 25·37 | 288 | 41·28 |
| | Tarwadi | 122 | 33·55 | 101 | 27·77 |
| | 2nd Nagpada | 166 | 41·70 | 201 | 50·49 |
| | Kamathipura | 262 | 36·83 | 312 | 43·99 |
| | Tardeo | 129 | 25·44 | 166 | 32·74 |
| | Byculla | 232 | 34·57 | 272 | 40·53 |
| | 1st Nagpada | 81 | 34·57 | 72 | 30·72 |
| | Parel | 174 | 37·50 | 222 | 47·84 |
| | Sewri | 36 | 25·92 | 57 | 41·04 |
| F | Sion | 87 | 20·18 | 87 | 20·18 |
| | Mahim | 109 | 25·18 | 156 | 36·05 |
| | Worli | 120 | 32·82 | 186 | 50·88 |
| Water Division | | 31 | 4·98 | 16 | 2·57 |
| Non-resident and unknown | | 39 | ..... | 79 | ..... |
| | Total... | 5,484 | 24·86 | 5,927 | 26·29* |

* Allowing for increase of population since 1881.

## RETURN OF BIRTHS AND DEATHS FOR THE THIRD QUARTER OF 1888.

| Months. | Births. | Deaths. | | | | | | | | | Annual Rate of Mortality per 1,000 of Population. | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total Fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Diarrhœa. | Dysentery. | All other diseases under Digestive System. | All other causes. | All causes, except Still-born. | | | | | | |
| July | 1,424 | 10 | 9 | 38 | 561 | 97 | 87 | 43 | 1,106 | 1,951 | 30·27 | 29·686 | 81·5 | 76·8 | ·86 | 22·47 |
| August | 1,365 | 2 | 9 | 75 | 594 | 111 | 64 | 49 | 1,142 | 2,046 | 31·75 | ·721 | 80·0 | 75·3 | ·86 | 11·43 |
| September | 1,344 | 2 | 5 | 68 | 536 | 98 | 58 | 34 | 1,129 | 1,930 | 29·95 | ·831 | 81·7 | 75·0 | ·80 | 4·92 |
| Total... | 4,133 | 14 | 23 | 181 | 1,691 | 306 | 209 | 126 | 3,377 | 5,927 | * 26·29 | 29·746 | 81·0 | 75·7 | ·84 | 38·82 |
| Corresponding Quarter... | 3,765 | 18 | 42 | 196 | 1,474 | 345 | 142 | 148 | 3,119 | 5,484 | * 24·86 | 29·740 | 79·6 | 74·7 | ·85 | 66·80 |

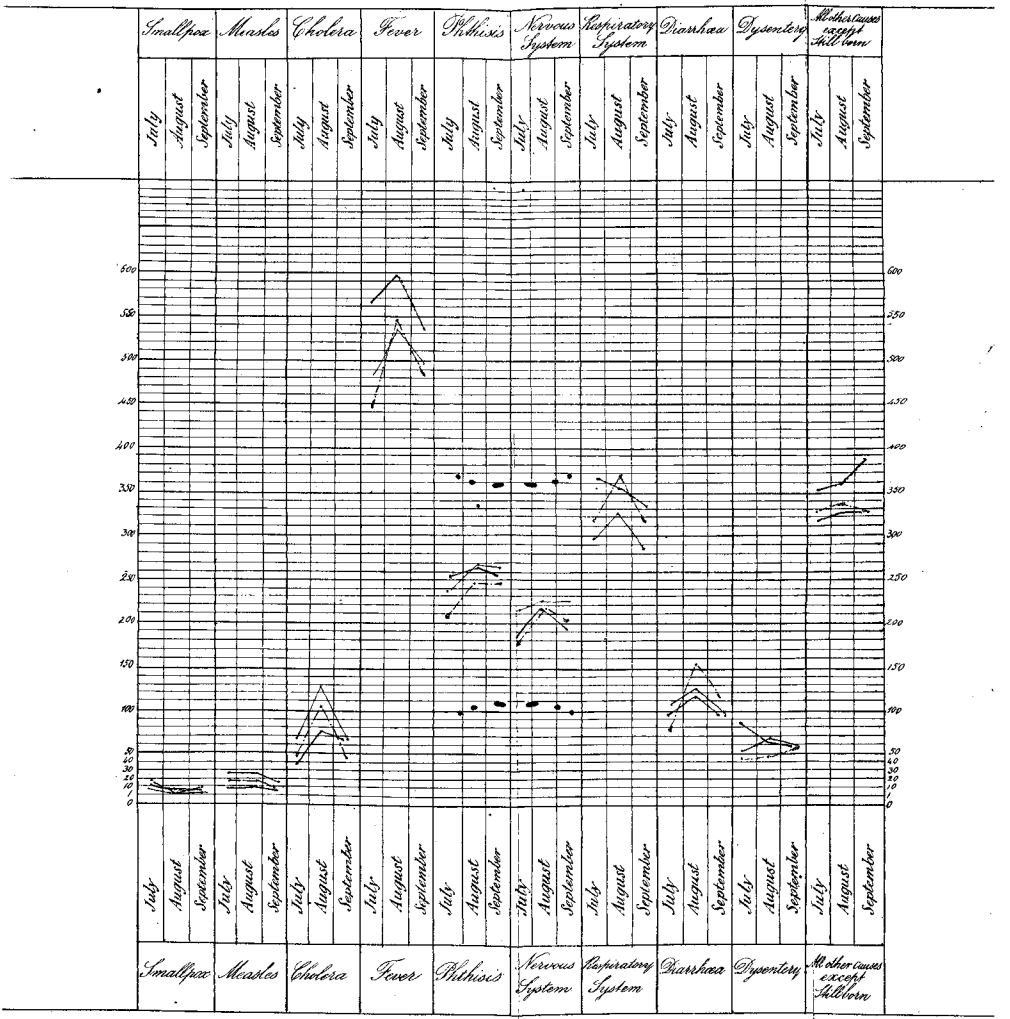
* Allowing for increase of population since 1881.

*RETURN showing the Number of Children successfully Vaccinated, Number whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination, during the 3rd Quarter of* 1888.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | |
| 3rd Quarter of 1888 ... | 2,576 | 438 | 3,014 | 14 | 2 | |

# DIAGRAM.

**DIAGRAM.** *Shewing the number of deaths from different causes in the 3rd Quarter of 1888 (RED) as compared with the corresponding Quarter of last year (GREEN), and the mean of the preceeding 5 years (YELLOW).*



# Health Officer's Report for the fourth Quarter of 1888.

EXCLUSIVE of still-born, 5,555 deaths were registered during the quarter, being 372 less than in the last quarter and 478 more than in the corresponding quarter of the past year. The death-rate is equal to 24·38 per 1,000 of population, allowing for increase of population since 1881.

During this quarter considerable improvement has been effected in the sanitary condition of one building in the Fort, the Town Barracks. The sanitary condition of this building had for a long time been faulty. The drainage of the Town Barracks has been after many years altered and the condition of the buildings greatly improved. The sanitary condition of the barracks and lane adjoining had been under the consideration of Brigadier-General LaTouche, from whom I had a reference on the subject. His Royal Highness the Commander-in-Chief, accompanied by Brigadier-General LaTouche, inspected the barracks, and since that inspection very great improvement has been effected in the buildings and especially in the drainage of the buildings. The residents of these buildings now live under more favourable conditions than the residents of these buildings have ever before lived under.

It is remarkable that there has been a severe outbreak of cholera in Ghorupdeo—in the locality and in some of the buildings where an outbreak had occurred in 1888, while the description of Ghorupdeo at page 356 of the last Annual Report was being printed. There has also been an outbreak of cholera in Borebhat, where a previous outbreak had occurred during the year. The drainage of Borebhat was very imperfect, but not so bad as the drainage of Ghorupdeo ; in Borebhat there were open unmade trenches carrying the drainage to cesspools, and a nuisance such as must arise from sewage trickling through shallow trenches was created, but there was not in Borebhat the wide pollution from sewage observed in Ghorupdeo. I have before frequently described the imperfect drainage of these localities, and it is not necessary to describe again what is so well known. Localities such as Ghorupdeo have been inhabited before they were prepared for habitation and dense population. Pipes are laid to carry water to them, but pipes are not laid nor channels made to carry away this water. The result—in localities where there are no drains to carry away the water discharged on to them must be sickness—health contamination.

The quality of the filtered water from Vehar and Tulsi has not been so good as the quality of the filtered supply usually is. This is due to the smaller rain-fall, the lower level of the lakes, the

greater impurity of the water and the greater difficulty of removing greater impurity. The impurities in the water have been more than the system of filtration can ordinarily intercept or remove.

I am glad to be able to report that one portion of the question regarding the cremation of Hindu poor dead, a question which had led to considerable discussion, has been quietly settled by the Health Department. Since June this department has been cremating many of the poor Hindu dead in the cemetery near Worlee without attracting attention and without causing any opposition.

A change in the system of service of summonses has been introduced during this quarter. Under the old law summonses were served by Inspectors of the Health Department, but under the new law such service, in the opinion of one Magistrate, is illegal. It has been decided that summonses are to be served by policemen, but the policemen to perform this duty are not numerous enough in proportion to the number of summonses. The result of this change of procedure has been—

*A.*—Delay in the service of summonses ;

*B.*—Delay in the removal of nuisance ; and therefore

*C.*—Insufficient protection of the public from nuisances.

It cannot be too widely known that persons committing nuisances can only be punished by Magistrates, that nuisances on private property can only be dealt with by Magistrates, and that the Magistrates must be looked to for the protection of the public against nuisance on private property or from foul matters cast from houses on public streets.

Examining the statistics according to place of birth, we find that 3,015 persons, including still-born, were born in Bombay, that 2,812 were born outside of Bombay, and that the place of birth of 39 persons could not be ascertained.

The Fever mortality is 92 more than in the last quarter and 339 more than in the corresponding quarter of the past year, and 291 more than the average of the preceding 5 years. Of the total deaths from fevers, 1,342 were referred to remittent fever, being 122 more than in the last quarter and 272 more than in the corresponding quarter of the last year ; 344 were ascribed to simple continued fever, being 60 less than in the last quarter, but 26 more than in the corresponding quarter of the last year ; 92 were ascribed to ague, being 25 more than in the last quarter and 38 more than in the corresponding quarter of the past year, and 5 were referred to enteric fever. In all 1,783 deaths were ascribed to fevers.

The mortality from Small-pox is 5 less than in the last quarter and 11 less than in the corresponding quarter of the last year.

From Measles 41 deaths were registered, being 18 more than in the last quarter and 16 more than in the corresponding quarter of the past year.

The mortality from Cholera is 129 less than in the last quarter and 6 less than in the corresponding quarter of the last year—52 deaths were registered.

The deaths from diseases of the Respiratory system were 32 less than in the last quarter, but 70 more than in the corresponding quarter of the last year; 1,011 deaths were registered under the head of diseases of the Respiratory system; of these 648 were ascribed to Bronchitis, being 27 less than in the past quarter and 79 more than in the corresponding quarter of the last year; 192 to Pneumonia, being 29 less than in the past quarter and 3 less than in the corresponding period of the last year.

To diseases of the Digestive system 494 deaths were ascribed, being 147 less than in the preceding three months, but 7 more than in the corresponding period of the past year; of the deaths from diseases of the Digestive system, 198 were referred to Diarrhœa, being 108 less than in the previous quarter and 29 less than in the corresponding months of the last year; 158 to Dysentery, being 51 less than in the last quarter, but 42 more than in the corresponding quarter of the past year; and 138 deaths were referred to all other diseases of the Digestive system, being 12 more than in the previous quarter, but 6 less than in the corresponding period of the past year.

From diseases of the Nervous system, 523 deaths were registered, being 63 less than in the last quarter, but 32 more than in the corresponding quarter of the past year.

The mortality from Phthisis is 80 less than in the last 3 months and 61 less than in the corresponding months of the last year.

From diseases of the Generative system, 70 deaths were registered, being 12 more than in the past quarter.

To diseases of the Circulatory system 45 were referred, being 5 more than in the preceding quarter and 3 more than in the corresponding quarter of the last year.

29 deaths were registered under the head of Leprosy, being 11 more than in the past quarter and 8 more than in the corresponding months of the past year.

To the general affection Dropsy, 28 deaths were referred, being 5 less than in the previous quarter and 3 less than in the corresponding period of the last year.

15 deaths were registered under the head of diseases of the Urinary system.

From diseases of the organs of locomotion and cellular tissue, 16 deaths were registered, being 8 less than in the past quarter and 3 less than in the corresponding period of the last year.

To diseases of the Cutaneous system, 5 deaths were ascribed, being 4 less than in the last quarter.

Two premature births were registered.

The deaths from old age and debility came to 426, being 29 less than in the previous quarter.

The deaths from accidents and violence amounted to 108, being 11 more than in the last quarter and 19 more than in the corresponding months of the last year; 14 deaths were ascribed to poisoning, being 7 less than in the last quarter and 3 less than in the corresponding quarter of the past year; of the deaths from

poisoning, 10 were suicidal and 4 accidental, of the latter 1 was from mephetic gases. The deaths from drowning were 5 less than in the last quarter; 9 were suicidal, 7 accidental, and in 8 instances, the circumstances under which deaths took place were not known.

The rate of mortality of the chief races living in the city is shown below :—

| | Per 1,000 of Population. | |
|---|---|---|
| Hindus ... ... ... | 27·48 | The increase of population in each class has not been estimated; the mortality is, therefore, less than shown. |
| Hindus, Low-castes ... ... | 40·63 | |
| Mussulmans ... ... ... | 32·88 | |
| Parsees ... ... ... | 21·15 | |
| Europeans ... ... ... | 17·22 | |

The infant mortality is 143 less than in the last quarter and 248 more than in the corresponding period of the past year.

2,319 children, under 5 years of age, died.

| | No. of deaths. | Per 1,000 of population. |
|---|---|---|
| Under 1 year | 1,603 | 283·26 |
| „ 2 years | 410 | 103·83 |
| „ 3 „ | 165 | 46·84 |
| „ 4 „ | 82 | 23·96 |
| „ 5 „ | 59 | 15·17 |

At the burying and burning grounds of the city, 3,786 bodies were buried, 1,788 burnt, and 292 conveyed to the Tower of Silence.

4,588 living—2,396 males, 2,192 females, and 311 still-born—births were registered, being 455 more than in the last quarter and 363 more than in the corresponding quarter of the last year. The birth-rate is equal to 20·18 per 1,000 of population, allowing for the increase of population since 1881 and 23·73 on the census of 1881.

T. S. WEIR,
*Health Officer.*

BOMBAY, *20th February* 1889.

## APPENDICES.

### RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FOURTH QUARTER OF 1887 AND 1888.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born in 1887. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born in 1888. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 20 | 27·89 | 14 | 19·53 |
| | Middle and Lower Colaba | 55 | 15·42 | 53 | 14·86 |
| | Fort, Southern | 12 | 13·65 | 4 | 4·55 |
| | „ Northern | 187 | 22·11 | 188 | 22·23 |
| | Esplanade | 49 | 14·98 | 63 | 19·26 |
| B | Market | 260 | 21·16 | 295 | 24·01 |
| | Mandvi | 296 | 27·95 | 310 | 29·27 |
| | Chukla | 347 | 37·46 | 345 | 37·24 |
| | Oomarkhari | 395 | 28·91 | 505 | 36·95 |
| | Dongri | 174 | 20·90 | 152 | 18·26 |
| C | Dhobi Talao | 247 | 25·07 | 257 | 26·08 |
| | Fanasvadi | 118 | 20·32 | 109 | 18·77 |
| | Bhuleshwar | 255 | 26·76 | 273 | 28·65 |
| | Khara Talao | 234 | 32·62 | 247 | 34·43 |
| | Kumbharwada | 225 | 25·72 | 315 | 36·01 |
| | Khetwadi | 192 | 26·09 | 169 | 22·96 |
| | Girgam | 172 | 26·77 | 190 | 30·01 |
| D | Chaupati | 67 | 24·41 | 50 | 18·22 |
| | Walkeshvar | 43 | 15·21 | 49 | 17·34 |
| | Mahalakshmi | 61 | 39·15 | 35 | 22·46 |
| E | Mazagon | 136 | 19·49 | 198 | 28·38 |
| | Tarwadi | 126 | 34.65 | 88 | 24·20 |
| | 2nd Nagpada | 177 | 44·46 | 163 | 40·94 |
| | Kamathipura | 289 | 40·62 | 308 | 43·29 |
| | Tardeo | 126 | 24·85 | 122 | 24·06 |
| | Byculla | 214 | 31·89 | 235 | 35·01 |
| | 1st Nagpada | 90 | 38·41 | 98 | 41·82 |
| | Parel | 171 | 36·85 | 233 | 50·21 |
| | Sewri | 29 | 20·88 | 46 | 33·12 |
| F | Sion | 64 | 18·45 | 104 | 24·13 |
| | Mahim | 97 | 21·26 | 121 | 27·96 |
| | Worli | 74 | 20·24 | 127 | 34·74 |
| Water Division | | 17 | 2·73 | 9 | 1·44 |
| Non-resident and unknown | | 58 | ..... | 80 | ..... |
| | Total... | 5,077 | 23·02 | 5,555 | 24·64* |

* Allowing for increase of population since 1881.

# RETURN OF BIRTHS AND DEATHS FOR THE FOURTH QUARTER OF 1888.

| Months. | Births. | Deaths. | | | | | | | | | Annual Rate of Mortality per 1,000 of Population. | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other Diseases under Digestive System. | | | | | | | | |
| October | 1,537 | 3 | 11 | 16 | 614 | 62 | 43 | 45 | 1,198 | 1,992 | 30·91 | 29·866 | 83·9 | 74·0 | ·73 | 0·11 |
| November | 1,545 | 2 | 5 | 7 | 552 | 64 | 41 | 45 | 982 | 1,698 | 26·35 | ·884 | 81·8 | 70·9 | ·70 | 1·16 |
| December | 1,506 | 4 | 25 | 29 | 617 | 72 | 74 | 48 | 996 | 1,865 | 28·94 | ·960 | 78·5 | 65·0 | ·64 | ... |
| Total... | 4,588 | 9 | 41 | 52 | 1,783 | 198 | 158 | 138 | 3,176 | 5,555 | * 24·44 | 29·903 | 81·4 | 69·9 | ·69 | 1·27 |
| Corresponding Quarter... | 4,225 | 20 | 25 | 58 | 1,444 | 227 | 116 | 145 | 3,042 | 5,077 | * 23·02 | 29·888 | 80·0 | 68·9 | ·70 | 3·97 |

* Allowing for increase of population since 1881.

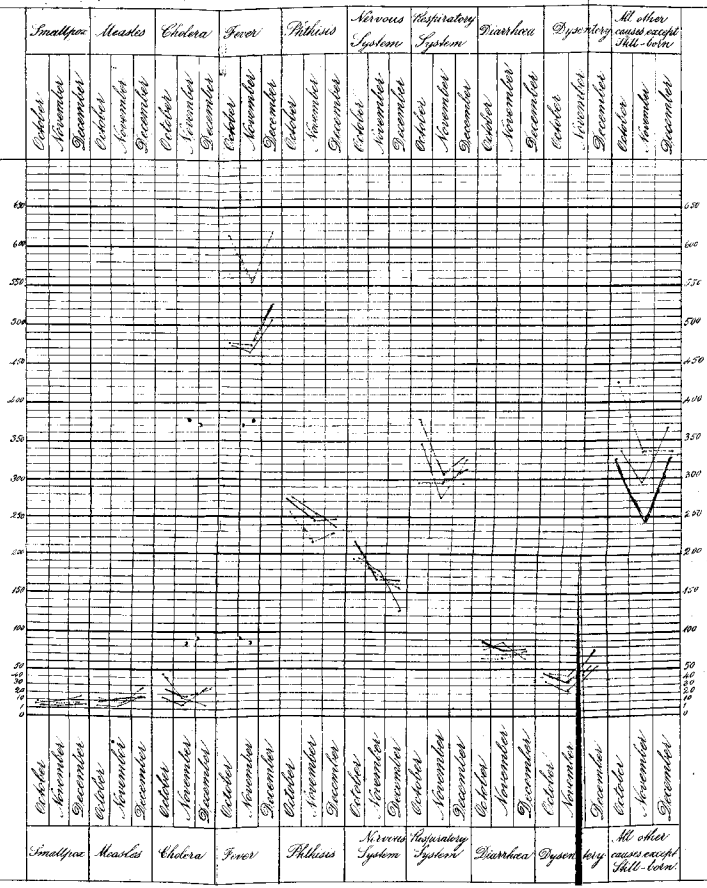
*RETURN showing the Number of Children successfully Vaccinated, Number whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination during the 4th Quarter of* 1888.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | |
| 4th Quarter of 1888 ... | 3,094 | 528 | 3,622 | 11 | ... | |

30

# DIAGRAM.

*Diagram :— Shewing the number of deaths from different causes in the 4th Quarter of 1888 (RED) as compared with the corresponding Quarter of last year (YELLOW) and the mean of the preceding 5 years (GREEN).*



# APPENDICES.

## APPENDIX B.

STATEMENT showing details of the Storage and Consumption of Water in Vehar Lake for the Year 1888-89.

| Date. | | | Rainfall for the Week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake. | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. |
| | | | Inches | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | April | 1888 | ... | ... | 95 | ·08 | 253·70 | 253·20 |
| 8 | " | " | ... | ... | 95 | ·08 | 253·20 | 252·70 |
| 15 | " | " | ... | ... | 95 | ·08 | 252·70 | 252·30 |
| 22 | " | " | ... | ... | 95 | ·08 | 252·30 | 251·80 |
| 29 | " | " | ... | ... | 95 | ·08 | 251·80 | 251·40 |
| 6 | May | " | ... | ... | 95 | ·08 | 251·40 | 250·90 |
| 13 | " | " | ... | ... | 95 | ·08 | 250·90 | 250·40 |
| 20 | " | " | ... | ... | 95 | ·08 | 250·40 | 249·90 |
| 27 | " | " | ... | ... | 95 | ·08 | 249·90 | 249·50 |
| 3 | June | " | ... | ... | 95 | ·08 | 249·50 | 249·00 |
| 10 | " | " | 5 | ·51 | 5 | ·51 | 249·00 | 249·10 |
| 17 | " | " | ... | ·97 | 6 | ·48 | 249·10 | 248·70 |
| 24 | " | " | 1 | ·58 | 8 | ·06 | 248·70 | 248·40 |
| 1 | July | " | 13 | ·01 | 21 | ·07 | 248·40 | 250·30 |
| 8 | " | " | 8 | ·12 | 29 | ·19 | 250·30 | 251·80 |
| 15 | " | " | 10 | ·69 | 39 | ·88 | 251·80 | 254·00 |
| 22 | " | " | 5 | ·77 | 45 | ·65 | 254·00 | 255·50 |
| 29 | " | " | 1 | ·62 | 47 | ·27 | 255·50 | 255·60 |
| 5 | August | " | 7 | ·57 | 54 | ·84 | 255·60 | 256·90 |
| 12 | " | " | 4 | ·09 | 58 | ·93 | 256·90 | 257·50 |
| 19 | " | " | 4 | ·10 | 63 | ·03 | 257·50 | 258·20 |
| 26 | " | " | 4 | ·09 | 67 | ·12 | 258·20 | 259·40 |
| 2 | September | " | ... | ·49 | 67 | ·61 | 259·60 | 259·70 |
| 9 | " | " | ... | ... | 67 | ·61 | 259·70 | 259·40 |
| 16 | " | " | 1 | ·84 | 69 | ·45 | 259·40 | 259·35 |
| 23 | " | " | ... | ·18 | 69 | ·63 | 259·35 | 259·00 |
| 30 | " | " | ... | ·73 | 70 | ·36 | 259·00 | 258·70 |
| 7 | October | " | 1 | ·66 | 72 | ·02 | 258·70 | 258·50 |
| 14 | " | " | ... | ... | 72 | ·02 | 258·50 | 258·15 |
| 21 | " | " | ... | ... | 72 | ·02 | 258·15 | 257·70 |
| 28 | " | " | ... | ·23 | 72 | ·25 | 257·70 | 257·30 |
| 4 | November | " | ... | ·18 | 72 | ·43 | 257·30 | 256·90 |
| 11 | " | " | 2 | ·06 | 74 | ·49 | 256·90 | 256·75 |
| 18 | " | " | ... | ... | 74 | ·49 | 256·75 | 256·55 |
| 25 | " | " | ... | ... | 74 | ·49 | 256·55 | 256·10 |
| 2 | December | " | ... | ... | 74 | ·49 | 256·10 | 255·70 |
| 9 | " | " | ... | ... | 74 | ·49 | 255·70 | 255·30 |
| 16 | " | " | ... | ... | 74 | ·49 | 255·30 | 254·85 |
| 23 | " | " | ... | ... | 74 | ·49 | 254·85 | 254·40 |
| 30 | " | " | ... | ... | 74 | ·49 | 254·40 | 254·00 |
| 6 | January | 1889 | ... | ... | 74 | ·49 | 254·00 | 253·60 |
| 13 | " | " | ... | ... | 74 | ·49 | 253·60 | 253·25 |
| 20 | " | " | ... | ... | 74 | ·49 | 253·25 | 252·85 |
| 27 | " | " | ... | ... | 74 | ·49 | 252·85 | 252·50 |
| 3 | February | " | ... | ... | 74 | ·49 | 252·50 | 252·10 |
| 10 | " | " | ... | ... | 74 | ·49 | 252·10 | 251·65 |
| 17 | " | " | ... | ... | 74 | ·49 | 251·65 | 251·25 |
| 24 | " | " | ... | ... | 74 | ·49 | 251·25 | 250·75 |
| 3 | March | " | ... | ... | 74 | ·49 | 250·75 | 250·35 |
| 10 | " | " | ... | ... | 74 | ·49 | 250·35 | 249·90 |
| 17 | " | " | ... | ... | 74 | ·49 | 249·90 | 249·55 |
| 24 | " | " | ... | ... | 74 | ·49 | 249·55 | 249·00 |
| 31 | " | " | ... | ... | 74 | ·49 | 249·00 | 248·55 |

# BOMBAY MUNICIPALITY.

## APPENDIX B.—*continued.*

STATEMENT showing details of the Storage and Consumption of Water in Tulsi Lake for the Year 1888-89.

| Date. | | | Rainfall for the Week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake. | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. |
| | | | Inches. | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | April | 1888 | ... | .... | 98 | ·16 | 441·40 | 440·80 |
| 8 | " | " | ... | ... | 98 | ·16 | 440·80 | 440·10 |
| 15 | " | " | ... | ... | 98 | ·16 | 440·10 | 439·40 |
| 22 | " | " | ... | ... | 98 | ·16 | 439·40 | 438·70 |
| 29 | " | " | ... | ... | 98 | ·16 | 438·70 | 438·00 |
| 6 | May | " | ... | ... | 98 | ·16 | 438·00 | 437·30 |
| 13 | " | " | ... | ... | 98 | ·16 | 437·30 | 436·60 |
| 20 | " | " | ... | ... | 98 | ·16 | 436·60 | 435·80 |
| 27 | " | " | ... | ... | 98 | ·16 | 435·80 | 435·10 |
| 3 | June | " | ... | ... | 98 | ·16 | 435·10 | 434·30 |
| 10 | " | " | 5 | ·15 | 5 | ·15 | 434·30 | 434·20 |
| 17 | " | " | 1 | ·01 | 6 | ·16 | 434·20 | 433·60 |
| 24 | " | " | 2 | ·66 | 8 | ·82 | 433·60 | 433·30 |
| 1 | July | " | 12 | ·57 | 21 | ·39 | 433·30 | 435·80 |
| 8 | " | " | 8 | ·08 | 29 | ·47 | 435·80 | 439·20 |
| 15 | " | " | 10 | ·41 | 39 | ·88 | 439·20 | 443·20 |
| 22 | " | " | 7 | ·58 | 47 | ·46 | 443·20 | 447·50 |
| 29 | " | " | 2 | ·44 | 49 | ·90 | 447·50 | 447·90 |
| 5 | August | " | 10 | ·35 | 60 | ·25 | 447·90 | 451·60 |
| 12 | " | " | 5 | ·90 | 66 | ·15 | 451·60 | 453·50 |
| 19 | " | " | 5 | ·88 | 72 | ·03 | 453·50 | 455·40 |
| 26 | " | " | 6 | ·65 | 78 | ·68 | 455·40 | 456·60 |
| 2 | September | " | ... | ·78 | 79 | ·46 | 456·60 | 456·40 |
| 9 | " | " | ... | ... | 79 | ·46 | 456·40 | 456·10 |
| 16 | " | " | 1 | ·40 | 80 | ·86 | 456·10 | 455·80 |
| 23 | " | " | ... | ·69 | 81 | ·55 | 455·80 | 455·30 |
| 30 | " | " | ... | ... | 81 | ·55 | 455·30 | 454·90 |
| 7 | October | " | 2 | ·77 | 84 | ·32 | 454·90 | 454·55 |
| 14 | " | " | ... | ... | 84 | ·32 | 454·55 | 454·30 |
| 21 | " | " | ... | ... | 84 | ·32 | 454·30 | 453·50 |
| 28 | " | " | ... | ·21 | 84 | ·53 | 453·50 | 452·90 |
| 4 | November | " | ... | ·53 | 85 | ·06 | 452·90 | 452·40 |
| 11 | " | " | 1 | ·72 | 86 | ·78 | 452·40 | 452·05 |
| 18 | " | " | ... | ... | 86 | ·78 | 452·05 | 451·50 |
| 25 | " | " | ... | ... | 86 | ·78 | 451·50 | 450·95 |
| 2 | December | " | ... | ... | 86 | ·78 | 450·95 | 450·40 |
| 9 | " | " | ... | ... | 86 | ·78 | 450·40 | 449·90 |
| 16 | " | " | ... | ... | 86 | ·78 | 449·90 | 449·25 |
| 23 | " | " | ... | ... | 86 | ·78 | 449·25 | 448·70 |
| 30 | " | " | ... | ... | 86 | ·78 | 448·70 | 448·20 |
| 6 | January | 1889 | ... | ... | ... | ... | 448·20 | 447·65 |
| 13 | " | " | ... | ... | ... | ... | 447·65 | 447·15 |
| 20 | " | " | ... | ... | ... | ... | 447·15 | 446·60 |
| 27 | " | " | ... | ... | ... | ... | 446·60 | 446·00 |
| 3 | February | " | ... | ... | ... | ... | 446·00 | 445·50 |
| 10 | " | " | ... | ... | ... | ... | 445·50 | 445·00 |
| 17 | " | " | ... | ... | ... | ... | 445·00 | 444·40 |
| 24 | " | " | ... | ... | ... | ... | 444·40 | 443·80 |
| 3 | March | " | ... | ... | ... | ... | 443·80 | 443·30 |
| 10 | " | " | ... | ... | ... | ... | 443·30 | 442·65 |
| 17 | " | " | ... | ... | ... | ... | 442·65 | 442·10 |
| 24 | " | " | ... | ... | ... | ... | 442·10 | 441·40 |
| 31 | " | " | ... | ... | ... | ... | 441·40 | 440·80 |

S. TOMLINSON, ASSOC.M. INST.C.E.,
Deputy Executive Engineer, Water Works.

Appendix C.

# PROGRESS REPORTS

## 1888

## OF NEW WORKS.

BOMBAY MUNICIPALITY.

# PROGRESS REPORTS UP TO THE END OF MARCH* 1888

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Application for raising Rs. 1,58,750 of this Loan has been made. | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884 .. |
| 2. Arrangements for supply of filtered water to high-level district. | 23,332 | Loan ..... | Budget for '85-86 | Budget for '85-86. |
| 3. Construction of a chawl and bungalow at Water-works Stores. | 28,343 | Do. ..... | 16th May 1883 ... | 13th Aug. 1884... |
| 4. Laying 6″ main in New Foras Road ... | Rs. 28,916, less Rs. 7,963-12-11 transferred to W. W. Maintenance, Sec. IV. | Cur. rev. | 13th March 1886. | 1st Apr. 1886... |
| 5. Do. 12″ main at the Apollo Pier ... | | Do. ... | Do. ... | Do. ... |
| 6. Do. 6″ main in Gilder Street..... | | Do. ... | Do. ... | Do. ... |
| 7. Do. 3″ main in Mahim Market Road. | | Do. ... | Do. .. | Do. ... |
| 8. Do. 6″ main in Khotewadi Lane, Girgam Back Road. | | Do. ... | Do. ... | Do. ... |
| 9. Do. 6″ and 4″ mains in Bhoiwada Cross and Dadur Roads. | | Do. ... | Do. ... | Do. ... |
| 10. Do. 3″ main in Peroo Havildar Lane. | | Do. ... | Do. ... | Do. ... |
| 11. Compound wall to enclose the reservoir and filter beds at Bhandarwada Hill. | 5,000 | Do. ... | Do. ... | Do. ... |
| 12. Making certain alterations in meter arrangements at Mazagon Bandar. | 856 | Do. ... | Do. ... | Do. ... |
| 13. Compound Wall around Chinchpokli Water Works Stores. | 8,000 | Do. ... | 29th Nov. 1886... | ..... |
| SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 14. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 15. Automatic flushers at heads of gullies. | 5,570 | Do. .. | Do. ... | ..... |
| 16. Provision for shaft ventilators ..... | 45,652 | Do. ... | Do. ... | ..... |
| 17. Closing storm-water opening in Frere Road Sewer and providing ventilators. | 22,827 | Do. ... | ..... | ..... |
| 18. Ovoid sewer, Argyle Road ..... | 27,600 | Do. ... | 16th May 1883... | ..... |
| 19. Agripada Pipe Sewers ..... | 1,05,953 | Do. ... | Do. ... | 2nd Jan. 1884... |
| 20. Ovoid sewer, from Crawford Market to Mint. | 85,287 | Do. .. | Do. ... | Do. ... |

* No separate report for February 1888 was received; the above report includes the work done in February.

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884... | 31st Dec. 1886... | 3,33,836 | Work completed, but additional works in progress. |
| 25th June 1885... | Oct. 1886 ..... | 21,381 | Work completed ; account being adjusted. |
| 5th Sept. 1885... | 3rd Mar. 1886... | 29,193 | Work completed; account not adjusted ; sanction for excess applied for. |
| ..... | ..... | | Work completed ; account under adjustment. |
| ..... | ..... | | Do. do. do. |
| ..... | 31st May 1887... | | Do. do. do. |
| 20th April 1886... | Do. ... | | Do do. do. |
| ..... | Do. ... | 20,952 | Do. do. do. |
| ..... | 30th June 1887... | | Do. do. do. |
| ..... | ..... | | Do. do. do. |
| 30th Aug. 1886... | 30th Nov. 1886... | 4,866 | Work completed ; wire fencing around the unwalled portion completed and recently paid for. |
| ..... | ..... | 1,447 | Work completed ; account not adjusted ; sanction to the payment of the excess applied for. |
| Dec. 1886... | Mar. 1887... | 7,144 | Completed ; balance reserved for wooden railing, which is completed ; account not adjusted. |
| ..... | ..... | 31,771 | A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned, and it has been arranged to do the work of the Khetwadi portion departmentally at a sanctioned cost of Rs. 55,104, which includes the supply of stoneware materials necessary. (House connection in Khetwadi portion nearly completed.) |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 1,282 | The Executive Engineer has submitted estimates of such work as he deems necessary for the Frere Road Sewer under altered circumstances. Tenders are to be invited so that the works may be undertaken immediately after the rains. |
| ..... | ..... | ..... | |
| 20th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed ; final accounts not settled. |
| Do. ... | 16th June 1885... | 82,839 | Completed ; accounts being adjusted. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 21. Drainage of Fort ..... | 4,13,909 | Loan (application for raising this Loan has not yet been made.) | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 22. Kamathipura privy connections ..... | 40,765 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 23. Additional works at Worli Pumping Station. | 39,724 | Cur. rev. (to be adjusted hereafter to the debit of Loan charges). | 24th Nov. 1884... | 24th Nov. 1884. |
| 24. New latrines and urinals ..... | 10,000<br>20,000 | Cur. rev | Budget for 1886-87.<br>Budget for '88-89 | Budget for 1886-87.<br>Budget for 1888-89. |
| 25. Sankli Tank Road pipe sewer ..... | 7,424 | Do. ... | ..... | ..... |
| SURFACE DRAINAGE. | | | | |
| 26. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Loan ..... | 22nd Mar. 1882... | 29th Sept. 1882... |
| ROADS, BUILDINGS, &c. | | | | |
| 27. New Street across the Old Race-course | 2,30,831, including Rupees one lakh for surplus land. From this grant Rs.425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores. | Do. ..... | 16th May 1883 ... | 4th Feb. 1884... |
| 28. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Do. ..... | Do. ... | ..... |
| 29. Health Department Bullock Stables, Bori Bandar. | 45,652 | Loan ..... | 16th May 1883 ... | ..... |
| 30. Engineer's chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 31. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882... | 28th July 1882... |
| 32. Nesbit Road Bridge ..... | 2,15,000 | ..... | ..... | ..... |
| 33. Proposed Cholera Hospital ..... | 13,160 | Cur. rev. | 13th Oct. 1884... | 13th Oct. 1884 ... |
| 34. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs.2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 2,46,689 | Pipe sewers completed; house connections and ventilating shafts in progress. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 35,198 | Work completed; final accounts under adjustment. |
| ..... | ..... | 8,126 | |
| ..... | ..... | 5,521 | Work completed; final bill under settlement. |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,94,904 | Work completed; extra works in progress. |
| ..... | ..... | 2,27,562 | Work completed; 37,304 square yards of surplus land with a bungalow are sold. Against this Rs. 2,69,276 have been received on account of rents, sale of land, &c. Some of the Solicitor's charges and claims for land compensation still to be paid. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 40,478 | Work completed. Extra work in progress. |
| ..... | ..... | 10,133 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 1,81,326 | Work done; claims for land, &c., not settled. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed; claims for land not settled. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 35. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 36. Reserved for vaccination quarters, and stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. .. |
| 37. Reserved for Health Department Stables in F & G Wards. | 23,992 | Do. ... | Do. ... | Do. .. |
| 38. Beehive Refuse Destructor, &c. ..... | 19,053 | Do. ... | 21st May 1885... | 21st May 1885... |
| 39. Sankli Tank Road, including cost of land (exclusive of cost of the pipe sewer which has been shown separately). | 30,134 | Do. ... | 7th Jan. 1886 ... | 1st Apr. 1886... |
| 40. New burial-ground for Mahomedans, and raising the level of same. | 20,000 | Do. ... | 5th Feb. 1886... | Do. ... |
| 41. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | Do. ... | Do. ... |
| 42. New mains in various streets ..... | 81,550 | Do. ... | 26th May 1887 ... | 26th May 1887 ... |
| 43. New 18" and 12" main in Frere Road ... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 44. Filling in Compound, Water Works Stores—new offices. | 15,000 | Cur. rev. | Do. ... | Do. ... |
| 45. Fixing additional Deacon's Meters and work in connection therewith. | 5,000 | ..... | Do. ... | Do. ... |
| 46. Constructing two culverts on Malabar Hill. | 6,027 | ..... | 20th Oct. 1887 ... | 20th Oct. 1887 ... |
| 47. Chawl at Vehar..... | 12,000 | ..... | 14th Nov. 1887... | 14th Nov. 1887... |
| 48. Store-room at Chinchpoogly Water Works. | 10,000 | ..... | Do. ... | Do. .. |
| 49. Inspectors' quarters at Bhundarwada ... | 4,000 | ..... | Do. ... | Do. ... |
| 50. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ..... | 26th Jan. 1888 ... | 26th Jan. 1888 ... |
| 51. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev. | Do. ... | Do. ... |
| 52. Arthur Road 27" Main ..... | 25,219 | TansaLoan | ..... | ..... |
| 53. New night-soil depôt at the south end of DeLisle Road. | 5,612 | ..... | ..... | ..... |
| 54. Purchase of open spaces ..... | 12,000 | ..... | ..... | ..... |
| 55. Additions and alterations to Vehar Bungalow. | 5,000 | ..... | ..... | ..... |
| 56. Additional water entrances on east side of Parel Road. | 3,598 | ..... | ..... | ..... |
| 57. Water entrances in Khetwadi 12th lane and in Charni Road. | 1,321 | ..... | ..... | ..... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 25th July 1887 ... | 25th July 1887 ... | 13,477 | Work in progress. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,918 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 13,081 | The work completed; account not settled. |
| ..... | ..... | 23,580 | Work completed; final bill under settlement. |
| ..... | ..... | 20,000 | Land acquired; grant expended in filling up. |
| 14th July 1886... | 21st Mar. 1887 ... | 18,049 | Extra works for pipe drains and culverts are being done departmentally; nearly finished. |
| ..... | Feb. 1888 ... | 69,612 | Works completed; additional works in progress. |
| ..... | May 1888 ... | 64,021 | Work of laying pipes in progress. |
| ..... | Oct. 1888 ... / Apr. 1888 ... | 5,001 | Work in progress. |
| ..... | May 1888 ... | 418 | Work in progress departmentally. |
| ..... | ..... | 2,772 | Work completed; final account not submitted. |
| ..... | ..... | ..... | Tenders accepted; work just commenced. |
| ..... | ..... | 3,221 | Work in progress. |
| ..... | ..... | 31 | Do. do. |
| ..... | ..... | 311 | Do. do. |
| ..... | ..... | 89 | Do. do. |
| ..... | ..... | 2,777 | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 58. Water entrances in Khetwadi Main Road from 1st to 3rd lane. | 5,253 | ..... | ..... | ..... |
| 59. Two additional water entrances in Nesbit Road. | 569 | ..... | ..... | ..... |
| 60. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | ..... | ..... | ..... |
| 61. Two new water entrances in Bellasis Junction Road. | 446 | ..... | ..... | ..... |
| 62. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | ..... | ..... | ..... |
| 63. Preparing and lithographing copies of water mains. | 2,000 | ..... | ..... | ..... |
| 64. Street names and number plates ..... | 5,000 | ..... | ..... | ..... |
| 65. Fixing hydrants ..... | 10,000 | ..... | ..... | ..... |
| 66. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | ..... | ..... | ..... |
| 67. New catch water channels at Vehar ... | 10,000 | ..... | ..... | ..... |
| 68. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | ..... | ..... | ..... |
| 69. Raising manholes between Wari Bunder and the Fort Market. | 4,619 | ..... | ..... | ..... |
| 70. Additional manholes ..... | 3,526 | ..... | ..... | ..... |
| 71. 50 water entrances between Wari Bunder and the Fort Market. | 14,773 | ..... | ..... | ..... |
| 72. New Market at Colaba ..... | 50,300 | ..... | ..... | ..... |
| 73. Erskine Road Market extension ..... | 4,04,122 | ..... | ..... | ..... |
| 74. Arthur Crawford Market extension ... | 49,942 | ..... | ..... | ..... |
| 75. Extension of Parel Road Storm Water drain to Shephard Road. | 33,749 | ..... | ..... | ..... |
| 76. Storm water drain to Bellasis Road to ⅔ the length of Ripon Road. | 23,436 | ..... | ..... | ..... |
| 77. 9' Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | ..... | ..... | ..... |
| 78. Mains in 14 streets west of Frere Road. | 17,325 | ..... | ..... | ..... |
| 79. Other mains in various streets ..... | 51,475 | ..... | ..... | ..... |
| 80. Arthur Road Connection Works ..... | 13,200 | ..... | ..... | ..... |
| 81. Deacon's Meters ..... | 18,000 | ..... | ..... | ..... |
| 82. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road. | 23,000 | ..... | ..... | ..... |
| 83. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | ..... | ..... | ..... |
| 84. New Ward Office at Dadur ..... | 16,000 | ..... | ..... | ..... |
| 85. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night soil depot and filling in the same. | 11,503 | ..... | ..... | ..... |
| 86. Purchase of 11,838 s. yds. of land at De Lisle and Arthur Roads junction. | 23,676 | ..... | ..... | ..... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
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| ..... | ..... | ..... | |
| ..... | ..... | 49,447 | |
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| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |

NOTE.—No separate report for February 1888 was received; the above report includes the work done in February.

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF JUNE 1888 *

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I. WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884 ... |
| 2. Construction of a chawl and bungalow at Water-works Stores. | 28,343 | Do. ..... | 16th May 1883 ... | 13th Aug. 1884... |
| 3. New mains in various streets ..... | 81,550 | Do. ..... | 26th May 1887 ... | 26th May 1887 ... |
| 4. New 18" and 12" main in Frere Road ... | 85,000 | Do. ..... | Do. ... | Do. ... |
| 5. Filling in Compound, Water Works Stores and new offices. | 25,000 | Cur. rev. | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 6. Fixing additional Deacon's meters and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1887 ... |
| 7. Chawl at Vehar..... | 12,000 | Do. ... | 14th Nov. 1887... | 14th Nov. 1887... |
| 8. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ..... | 26th Jan. 1888 ... | 26th Jan. 1888 ... |
| 9. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev. | Do. ... | Do. ... |
| 10. Arthur Road 27" main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 11. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev. | 25th Apr. 1888 ... | 25th Apr. 1888 ... |
| 12. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | 25th April 1888.. | 25th April 1888 .. |
| 13. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st March 1888... | 1st March 1888... |
| 14. Fixing hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888.. |
| 15. New catch water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 ... |
| 16. Mains in 14 streets west of Frere Road. | 17,325 | Loan ... | 15th March 1888. | 15th March 1888.. |
| 17. Other mains in various streets ..... | 51,475 | | | |
| 18. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. ... | Do. ... |
| 19. Deacon's Meters ..... | 18,000 | Do. ..... | 25th April 1888. | 25th April 1888... |
| II. SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 20. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 21. Automatic flushers at heads of gullies. | 5,570 | Do. ... | Do. ... | ..... |
| 22. Provision for shaft ventilators ..... | 45,652 | Do. ... | Do. ... | ..... |

* No separate reports for April and May 1888 were received.

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884... | 31st Dec. 1886... | 3,37,296 | Work completed, but additional works in progress. |
| 5th Sept. 1885... | 3rd Mar. 1886... | 29,182 | Work completed; account not adjusted; sanction for excess applied for. |
| ..... | Feb. 1888 ... | 75,036 | Works completed; final accounts not adjusted. |
| ..... | May 1888 ... | 69,403 | Work completed; final accounts not adjusted. |
| March 1888. | 30th Sept. 1888... | 11,884 | Work almost completed. |
| May 1887. | May 1889 ... | 418 | Work in progress departmentally as required. |
| 29th March 1888. | 31st August 1888. | 5,838 | Practically completed. |
| 16th Feb. 1888 ... | 31st August 1888 | 15,220 | Almost completed. |
| Do. | Do. | 2,707 | Do. do. |
| 2nd Feb. 1888 ... | 31st Dec. 1888 ... | 9,614 | In progress. |
| ..... | 30th April 1889.. | ..... | Tenders will be advertised for in October. |
| ..... | 30th Apr. 1889... | ..... | Do. do. do. |
| 1st July 1888 ... | 31st Dec. 1888... | ..... | Work in progress. |
| ..... | 28th Feb. 1889... | ..... | Hydrants will arrive in September from England and fixing will be commenced immediately after. |
| 23rd Apr. 1888... | 31st Aug. 1888 ... | 4,145 | Eastern side at work, but slopes not completed. |
| 19th May 1888... | 31st Dec. 1888 ... | 2,065 | Contracts let and work in progress. |
| 2nd Feb. 1888... | Do. ... | 5,338 | Do. do. do. |
| Apr. 1888... | 30th Sept. 1888... | 12,000 | Some received from England. |
| ..... | ..... | 62,151 | A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned, and it has been arranged to do the work of the Khetwadi portion departmentally at a sanctioned cost of Rs. 55,104, which includes the supply of stoneware materials necessary. House connection in Khetwadi portion nearly completed. |
| ..... | ..... | ..... | |
| ..... | ..... | 234 | |

the above report includes the work done in April and May.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 23. Closing storm-water opening in Frere Road sewer and providing ventilators. | 22,827 | Loan ... | ..... | ..... |
| 24. Ovoid sewer, Argyle Road ..... | 27,600 | Do. ... | 16th May 1883... | ..... |
| 25. Agripada Pipe Sewers ..... | 1,05,953 | Do. ... | Do. ... | 2nd Jan. 1884... |
| 26. Ovoid sewer, from Crawford Market to Mint. | 85,287 | Do. ... | Do. ... | Do. ... |
| 27. Drainage of Fort ..... | 4,13,909 | Do. ... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 28. Kamathipura privy connections ..... | 40,765 | Do. ... | 8th Dec. 1881 ... | ..... |
| 29. Additional works at Worli Pumping Station. | 39,724 | Do. ... | 24th Nov. 1884... | 24th Nov. 1884.. |
| 30. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev. | 1st March 1888... | 1st March 1888... |
| 31. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Do. ... | 9th April 1888 ... | 9th April 1888 ... |
| 32. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Loan ..... | 26th March 1888. | 26th March 1888.. |
| III.—SURFACE DRAINAGE. | | | | |
| 33. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 34. Extension of Parel Road storm-water drain to Shephard Road. | 33,749 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 35. Storm water drain to Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ... | Do. ... | Do. ... |
| 36. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887 ... | 20th Oct. 1887 ... |
| 37. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888 ... | 15th Mar. 1888... |
| 38. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. ... |
| 39. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. ... | Do. ... | Do. ... |
| 40. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 41. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 42. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 43. Fifty water entrances between Wari Bunder and the Fort Market. | 14,773 | Do. ... | 9th April 1888... | 9th April 1888.. |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,282 | The Executive Engineer has submitted estimates of such work as he deems necessary for the Frere Road sewer under altered circumstances. Tenders are to be invited so that the works may be undertaken immediately after the rains. |
| ..... | ..... | ..... | |
| 20th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed; final accounts not settled. |
| Do. ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 2,47,081 | Pipe sewers completed; house connections and ventilating shafts in progress. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 35,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,10,132 | Work completed; extra works in progress. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 3,462 | Culvert completed; retaining wall to be undertaken after the monsoon. |
| ..... | ..... | 508 | Work in progress (several finished). |
| ..... | ..... | 482 | Work completed. |
| ..... | ..... | 1,090 | Work finished. |
| ..... | ..... | 186 | Do. |
| ..... | ..... | 151 | Do. |
| ..... | ..... | 174 | Do. |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| IV.—ROADS, BUILDINGS, &c. | | | | |
| 44. New street across the Old Race-course | 2,30,831, including Rupees one lakh for surplus land. From this grant Rs.426 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores. | Loan..... | 16th May 1883... | 4th Feb. 1884... |
| 45. New night-soil depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1818 ... | 25th Apr. 1888 ... |
| 46. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883... | ..... |
| 47. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ..... | 16th May 1883 ... | ..... |
| 48. Engineer's chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 49. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882... | 28th July 1882... |
| 50. New latrines and urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st April 1888.<br>Budget for 1888-89. |
| 51. Nesbit Road Bridge ..... | 2,15,000 | ..... | ..... | ..... |
| 52. Proposed Cholera Hospital ..... | 13,160 | Cur. rev. | 13th Oct. 1884... | 13th Oct. 1884 .... |
| 53. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs.2,815 have been transferred to Love Grove Pumping Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 54. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 55. Reserved for vaccination quarters, and stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. ... |
| 56. Reserved for Health Department Stables in F & G Wards. | 23,992 | Do. ... | Do. ... | Do. ... |
| 57. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887 .. | 13th Oct. 1887 ... |
| 58. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886... | 1st April 1886 ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1888 | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 2,15,271 | Work completed; 37,304 square yards of surplus land with a bungalow are sold. Against this Rs. 2,69,276 have been received on account of rents, sale of land, &c. Some of the Solicitor's charges and claims for land compensation still to be paid. |
| ..... | ..... | ..... | Tenders will be invited, and the works undertaken after the rains. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 40,478 | Work completed. Extra work in progress. |
| ..... | ..... | 10,133 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 701 | Work in progress. |
| ..... | ..... | 1,83,226 | Work completed; claims for land, &c., not settled. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed; claims for land not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 24,934 | Work nearly completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,918 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 4,100 | |
| 14th July 1886... | 21st Mar. 1887 ... | 18,969 | Works finished. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 59. Purchase of open spaces ..... | 12,000 | Cur. rev. | 25th Apr. 1888 ... | 25th Apr. 1888 ... |
| 60. Street names and number plates ..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888.. |
| 61. Raising manholes between Wari Bunder and the Fort Market. | 4,619 | Do. ... | 9th April 1888 ... | 9th April 1888 ... |
| 62. Additional manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 63. Fire Brigade Station at Gamdevi ..... | 6,544 Sanctioned out of grant of Rs. 18,000 for Fire Stations. | Do. ... | Budget for 1883-84 | Budget for 1883-84 |
| 64. New Market at Colaba ..... | 50,300 | Loan ..... | 26th March 1888. | 26th March 1888.. |
| 65. Erskine Road Market extension ..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 66. Arthur Crawford Market extension ... | 49,942 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 67. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 68. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ... | 25th April 1888. | 25th April 1888... |
| 69. New Ward Office at Dadur ..... | 16,000 | Do. ... | Do. ... | Do. ... |
| 70. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 71. Purchase of 11,833 s. yds. of land at De Lisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 72. Road through Nowroji Hill from Elphinstone bridge to Dongri Street. | 2,63,875 | Loan ... | Do. ... | Do. ... |
| 73. Repairs to Store Sheds in Arthur C. Markets. | 31,000 | Cur. rev. | 8th March 1888... | 8th March 1888... |

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 373 | Work in progress. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 5,572 | Contract work completed ; bills are being adjusted. |
| ..... | ..... | ..... | |
| Feb. 1888 ... | ..... | 52,221 | Work in progress departmentally. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Tenders are to be invited. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Old office agreed to, to be purchased from owner. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 10,181 | Work in progress. |

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS, UP TO THE END OF AUGUST 1888,*

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I. WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884... |
| 2. Construction of a chawl and bungalow at Water Works Stores. | 28,343 | Do. ..... | 16th May 1883... | 13th Aug. 1884... |
| 3. New mains in various streets ..... ..... | 81,550 | Cur. rev... | 26th May 1887 ... | 26th May 1887 ... |
| 4. New 18" and 12" main in Frere Road..... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 5. Filling in Compound, Water Works Stores and New offices. | 25,000 | Cur. rev ... | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 6. Fixing additional Deacon's meters and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1888 ... |
| 7. Chawl at Vehar..... | 12,000 | Do. ... | 14th Nov. 1887... | 14th Nov. 1887... |
| 8. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ... | 26th Jan. 1888 ... | 26th Jan. 1888 ... |
| 9. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev... | Do. ... | Do. ... |
| 10. Arthur Road 27" main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 11. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev.... | 25th Apr. 1888... | 25th April 1888.. |
| 12. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | Do. ... | Do. ... |
| 13. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st Mar. 1888 ... | 1st March 1888... |
| 14. Fixing Hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 15. New catch-water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 .. |
| 16. Mains in 14 streets west of Frere Road | 17,325 | Loan ... | 15th March 1888. | 15th March 1888. |
| 17. Other mains in various streets ..... | 51,475 | | | |
| 18. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. ... | Do. ... |
| 19. Deacon's Meters ..... | 18,000 | Do. ... | 25th April 1888. | 25th April 1888... |
| 20. Supply of Siemen's Meters ..... | ... | ..... | ..... | ..... |
| II. SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 21. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ... | 8th Dec. 1881 ... | ..... |
| 22. Automatic flushers at heads of gullies... | 5,570 | Do. ... | Do. ... | ..... |
| 23. Provision for shaft ventilators ... | 45,652 | Do. ... | Do. ... | ..... |

* No separate report for July was received ; the above report includes the work done in July.

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Aug. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884 ... | 31st Dec. 1886... | 3,37,312 | Work completed; additional works completed; final accounts in preparation. |
| 5th Sept. 1885.... | 3rd Mar. 1886 ... | 29,182 | Work completed; account not adjusted; sanction for excess applied for. |
| ..... | Feb. 1888... | 76,086 | Work completed; final accounts not adjusted. |
| ..... | May 1888... | 69,519 | Do. do. do. |
| March 1888. | 30th Sept. 1888... | 16,237 | Work completed; additional works sanctioned. |
| May 1887. | May 1889... | 418 | Work in progress departmentally as required. |
| 29th March 1888. | 31st Aug. 1888 ... | 10,262 | Work completed. |
| 16th Feb. 1888... | 31st Aug. 1888 ... | 16,389 | Work completed for first Section. |
| Do. ... | Do. ... | 2,737 | Work completed. |
| 2nd Feb. 1888 ... | 31st Dec. 1888 ... | 10,811 | In progress. |
| ..... | 30th Apr. 1889 ... | 308 | Tenders will be advertised for in October. |
| ..... | 30th Apr. 1889 ... | ..... | Do. do. do. |
| 1st July 1888 ... | 31st Dec. 1888 ... | 200 | Work in progress. |
| ..... | 28th Feb. 1889 ... | ..... | Hydrants will arrive in September from England and fixing will be commenced immediately after. |
| 23rd April 1888... | 31st Aug. 1888 ... | 4,145 | Eastern side at work, but slopes not completed; western side, first Section, completed. |
| 19th May 1888 ... | 31st Dec. 1888 ... | 2,562 | Contracts let and work in progress. |
| 2nd Feb. 1888... | Do. ... | 5,336 | Do. do. do. |
| Apr. 1888... | 30th Sept. 1888... | 15,520 | All the meters have been received from England. |
| ..... | 31st Dec. 1888 ... | ..... | Contract let. |
| ..... | ..... | 68,780 | A contract for supply of iron materials at a cost of Rs. 1,53,853, was sanctioned, and it has been arranged to do the work of the Khetwadi portion departmentally at a sanctioned cost of Rs. 55,104, which includes the supply of stoneware materials necessary. House connection in Khetwadi portion completed; final accounts are being adjusted. |
| ..... | ..... | ..... | |
| ..... | ..... | 234 | |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 24. Closing storm-water opening in Frere Road Sewer and providing ventilators. | 22,827 | Loan ..... | ..... | ..... |
| 25. Ovoid Sewer, Argyle Road..... | 27,600 | Do. ..... | 16th May 1883.... | ..... |
| 26. Agripada Pipe Sewers ..... | 1,05,953 | Do. ..... | Do. ... | 2nd Jan. 1884... |
| 27. Ovoid sewer from Crawford Market to Mint. | 85,287 | Do. ..... | Do. ... | Do. ... |
| 28. Drainage of Fort ..... | 4,13,909 | Do. ..... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 29. Kamathipura privy connections ..... | 40,765 | Do. ..... | 8th Dec. 1881... | ..... |
| 30. Additional works at Worli Pumping Station. | 39,724 | Do. ..... | 24th Nov. 1884 ... | 24th Nov. 1884. |
| 31. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev... | 1st Mar. 1888... | 1st Mar. 1888 ... |
| 32. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |
| 33. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Do. ... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| III.—SURFACE DRAINAGE. | | | | |
| 34. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 35. Extension of Parel Road storm-water drain to Shephard Road. | 33,749 | Do. ... | 26th Mar. 1888. | 26th Mar. 1888... |
| 36. Storm-water drain to Bellasis Road to two-thirds the length of Ripon Road | 23,436 | Do. ... | Do. ... | Do. ... |
| 37. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887... | 20th Oct. 1887 ... |
| 38. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888... | 15th Mar. 1888... |
| 39. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. .. |
| 40. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. .. | Do. ... | Do. ... |
| 41. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 42. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 43. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 44. Fifty water entrances between Wari Bandar and the Fort Market. | 14,773 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Aug. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,282 | The contract form and specification are with the printers. |
| ..... | ..... | ..... | |
| 20th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed; final accounts not settled. |
| Do ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 20th Oct. 1884 ... | 1st Mar. 1889 ... | 2,47,167 | Pipe sewers completed; house connections and ventilating shafts in progress. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 35,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | The contract form and specification are with the printers. |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,11,609 | Work completed; extra works in progress. |
| ..... | ..... | ..... | The contract form and specification are with the printers. |
| ..... | ..... | ..... | |
| ..... | ..... | 3,648 | Culvert completed; retaining wall to be undertaken after the monsoon. |
| ..... | ..... | 673 | Work in progress (several finished). |
| ..... | ..... | 1,002 | Work completed. |
| ..... | ..... | 3,086 | Work finished. |
| ..... | ..... | 226 | Do. |
| ..... | ..... | 477 | Do. |
| ..... | ..... | 257 | Do. |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| IV.—ROADS, BUILDINGS, &c. | | | | |
| 45. New street across the Old Race-course. | 1,30,831 (From this grant Rs. 425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.) | Loan ..... | 16th May 1883 ... | 4th Feb. 1884... |
| 46. New Night-soil Depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1888.. | 25th Apr. 1888... |
| 47. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883 ... | ..... |
| 48. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ... | Do. ... | ..... |
| 49. Engineers' Chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 50. Ward Offices, Assessment Department. | 25,000 | Do. | 28th July 1882... | 28th July 1882 ... |
| 51. New Latrines and Urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st Apr. 1888.<br>Budget for 1888-89. |
| 52. Nesbit Road Bridge ..... | 2,15,000 | Cur. rev. | 24th Nov. 1884... | 24th Nov. 1884... |
| 53. Proposed Cholera Hospital ..... | 13,160 | Do. ... | 13th Oct. 1884 ... | 13th Oct. 1884 ... |
| 54. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs. 2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 55. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 56. Reserved for Vaccination Quarters and Stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. ... |
| 57. Reserved for Health Department Stables in F & G Wards. | 23,992 | Do. ... | Do. ... | Do. ... |
| 58. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887 ... | 13th Oct. 1887 ... |
| 59. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886 ... | 1st Apr. 1886 ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Aug. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,27,724 | Work completed. Some of the Solicitor's charges and claims for land compensation are still to be paid. |
| ..... | ..... | ..... | Tenders will be invited, and the works undertaken after the rains. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 40,478 | Work completed. Final bill for extra work not yet received. |
| ..... | ..... | 15,023 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | ..... | |
| ..... | ..... | 716 | Work in progress. |
| ..... | ..... | 2,06,219 | Work completed. Final account from the G. I. P. Railway Company not yet received. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed. Claims for land not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 25,274 | Work nearly completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,947 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 4,225 | |
| 14th July 1886... | 21st Mar. 1887 ... | 19,421 | Works finished; accounts being adjusted. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 60. Purchase of open spaces..... | 12,000 | Cur. rev. | 25th April 1888... | 25th April 1888 .. |
| 61. Street names and number plates..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 62. Raising manholes between Wari Bandar and the Fort Market. | 4,619 | Loan ... | 9th April 1888 .. | 9th April 1888 ... |
| 63. Additional Manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 64. Fire Brigade Station at Gamdevi ..... | 6,544 Sanctioned out of grant of Rs. 18,000 for Fire Stations. | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 65. New Market at Colaba ..... | 50,300 | Loan ... | 26th March 1887. | 26th March 1888. |
| 66. Erskine Road Market extension..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 67. Arthur Crawford Market extension .. | 49,942 | Do. ... | 26th March 1888. | 26th March 1888. |
| 68. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 69. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls. | 22,700 | Do. ... | 25th April 1888... | 25th April 1888. |
| 70. New Ward Office at Dadur ..... | 16,000 | Do. ... | Do. ... | Do. ... |
| 71. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 72. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888. |
| 73. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Loan ... .. | Do. ... | Do. ... |
| 74. Repairs to Store Sheds in Arthur Crawford Markets. | 31,000 | Cur. rev. | 8th March 1888 . | 8th March 1888... |
| 75. Purchase of land at Khetwady for hospital for epidemic diseases. | 67,000 | Loan ..... | 28th June 1888... | 28th June 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Aug. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 441 | Work in progress. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 5,572 | Contract work completed ; bills are being adjusted. |
| ..... | ..... | ..... | |
| Feb. 1888... | ..... | 71,278 | Work in progress departmentally. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Tenders are to be invited. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Old office agreed to be purchased from owner. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 20,181 | Work in progress. |
| ..... | ..... | ..... | |

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF SEPTEMBER 1888

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I. WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884 ... |
| 2. Construction of a chawl and bungalow at Water-works Stores. | 28,343 | Do. ..... | 16th May 1883 ... | 13th Aug. 1884... |
| 3. New mains in various streets ..... | 81,550 | Cur. rev. | 26th May 1887 ... | 26th May 1887 ... |
| 4. New 18" and 12" main in Frere Road ... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 5. Filling in Compound, Water Works Stores and new offices. | 25,000 | Cur. rev. | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 6. Fixing additional Deacon's meters and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1888 ... |
| 7. Chawl at Vehar..... | 12,000 | Do. ... | 14th Nov. 1887... | 14th Nov. 1887... |
| 8. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ..... | 26th Jan. 1888 ... | 26th Jan. 1888 ... |
| 9. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev. | Do. ... | Do. ... |
| 10. Arthur Road 27" main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 11. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev. | 25th Apr. 1888 ... | 25th Apr. 1888 ... |
| 12. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | Do. ... | Do. ... |
| 13. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st March 1888... | 1st March 1888... |
| 14. Fixing hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888.. |
| 15. New catch-water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 ... |
| 16. Mains in 14 streets west of Frere Road. | 17,325 | Loan ... | 15th March 1888. | 15th March 1888.. |
| 17. Other mains in various streets ..... | 54,475 | | | |
| 18. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. ... | Do. ... |
| 19. Deacon's Meters ..... | 18,000 | Do. ..... | 25th April 1888. | 25th April 1888... |
| II. SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 20. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 21. Automatic flushers at heads of gullies. | 5,570 | Do. ... | Do. ... | ..... |
| 22. Provision for shaft ventilators ..... | 45,652 | Do. ... | Do. ... | ..... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sep. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884... | 31st Dec. 1886... | 3,37,312 | Work completed; additional works completed; final accounts in preparation. |
| 5th Sept. 1885... | ..... | 29,182 | Work completed; account under adjustment; sanction for excess obtained. |
| ..... | ..... | 78,529 | Work completed; final accounts not adjusted. |
| ..... | ..... | 79,933 | Do. do. do. |
| ..... | 31st Dec. 1888 ... | 18,757 | Work completed; additional works sanctioned. |
| May 1888. | May 1889 ... | 418 | Work in progress departmentally as required. |
| 29th March 1888. | ..... | 9,394 | Work completed. |
| 16th Feb. 1888 ... | 30th June 1889 ... | 18,509 | Work completed for first Section. |
| Do. | ..... | 5,071 | Work completed. |
| 2nd Feb. 1888 ... | 31st Dec. 1888 ... | 13,021 | In progress. |
| ..... | 30th April 1889.. | 494 | Tenders have been received. |
| ..... | 30th Apr. 1889... | ..... | Do. do. |
| 1st July 1888 ... | 31st Dec. 1888... | 800 | Work in progress. |
| ..... | 28th Feb. 1889... | ..... | Hydrants arrived from England and fixing will be commenced immediately. |
| 23rd Apr. 1888... | 31st Aug. 1889 ... | 5,328 | Eastern side at work, but slopes not completed; western side, first Section, completed. |
| 19th May 1888... | 31st Dec. 1888 ... | 2,706 | Contracts let and work in progress. |
| 2nd Feb. 1888... | Do. ... | 5,336 | Work in progress. |
| Apr. 1888... | 28th Feb. 1889 ... | 16,520 | All the meters have been received from England. |
| ..... | ..... | 69,495 | A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. House sullage water connections in Khetwadi portion completed at a cost of Rs. 78,113-8-7. The work of shaft ventilators commenced. |
| ..... | ..... | ..... | |
| ..... | ..... | 254 | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 23. Closing storm-water opening in Frere Road sewer and providing ventilators. | 22,827 | Loan ... | ..... | ..... |
| 24. Ovoid sewer, Argyle Road ..... | 27,600 | Do. ... | 16th May 1883... | ..... |
| 25. Agripada Pipe Sewers ..... | 1,05,953 | Do. ... | Do. ... | 2nd Jan. 1884... |
| 26. Ovoid sewer, from Crawford Market to Mint. | 85,287 | Do. .. | Do. ... | Do. ... |
| 27. Drainage of Fort ..... | 4,13,909 | Do. ... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 28. Kamathipura privy connections ..... | 40,765 | Do. ... | 8th Dec. 1881 ... | ..... |
| 29. Additional works at Worli Pumping Station. | 39,724 | Do. ... | 24th Nov. 1884... | 24th Nov. 1884.. |
| 30. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev. | 1st March 1888... | 1st March 1888... |
| 31. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Loan ..... | 9th April 1888 ... | 9th April 1888 ... |
| 32. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Do. ... | 26th March 1888. | 26th March 1888.. |
| III.—SURFACE DRAINAGE. | | | | |
| 33. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 34. Extension of Parel Road storm-water drain to Shepherd Road. | 33,749 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 35. Storm water drain to Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ... | Do. ... | Do. ... |
| 36. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887 ... | 20th Oct. 1887 ... |
| 37. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888 ... | 15th Mar. 1888... |
| 38. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. ... |
| 39. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. ... | Do. ... | Do. ... |
| 40. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 41. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 42. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 43. Fifty water entrances between Wari Bunder and the Fort Market. | 14,773 | Loan ... | 9th April 1888... | 9th April 1888.. |

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,282 | The contract form and specification are with the printers. |
| ..... | ..... | ..... | |
| 20th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed; final accounts not settled. |
| Do. ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 2,88,621 | Pipe sewers completed; house connections and ventilating shafts in progress. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 85,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | The contract form and specification are with the printers. |
| ..... | ..... | ..... | Tenders received. |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,11,609 | Work completed; extra works in progress. |
| ..... | ..... | ..... | The contract form and specification are with the printers. |
| ..... | ..... | ..... | |
| ..... | ..... | 3,648 | Culvert and retaining wall completed. |
| ..... | ..... | 1,108 | Work in progress (several finished). |
| ..... | ..... | 1,002 | Work completed. |
| ..... | ..... | 3,437 | Work finished. |
| ..... | ..... | 484 | Do. |
| ..... | ..... | 691 | Do. |
| ..... | ..... | 362 | Do. |
| ..... | ..... | ..... | The contract form and specification are with the printers. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| 44. New street across the Old Race-course | 1,30,831 (From this grant Rs.425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.) | Loan..... | 16th May 1883 ... | 4th Feb. 1884... |
| 45. New night-soil depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1888 ... | 25th Apr. 1888 ... |
| 46. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883... | ..... |
| 47. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ..... | 16th May 1883 ... | ..... |
| 48. Engineer's chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 49. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882... | 28th July 1882... |
| 50. New latrines and urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st April 1888.<br>Budget for 1888-89. |
| 51. Nesbit Road Bridge ..... | 2,15,000 | Do. | 24th Nov. 1884... | 24th Nov. 1884.... |
| 52. Proposed Cholera Hospital ..... | 13,160 | Do. | 13th Oct. 1884... | 13th Oct. 1884 ... |
| 53. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs.2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 54. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 55. Reserved for vaccination quarters, and stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. .. |
| 56. Reserved for Health Department Stables in F & G Wards. | *23,992 | Do. ... | Do. ... | Do. ... |
| 57. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887... | 13th Oct. 1887 ... |
| 58. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886... | 1st April 1886 ... |

*From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV, Maintenance

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,27,982 | Work completed. Some of the Solicitor's charges and claims for land compensation are still to be paid. |
| ..... | ..... | ..... | Tenders will be invited, and the works undertaken after the rains. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 42,980 | Work completed. Final bill for extra work not yet received. |
| ..... | ..... | 15,023 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 764 | Work in progress. |
| ..... | ..... | 2,06,219 | Work completed. Final account from the G. I. P Railway Company not yet received. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed ; claims for land not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 26,166 | Work nearly completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,948 | Land acquired ; designs are awaiting approval. |
| ..... | ..... | 4,614 | |
| 14th July 1886... | 21st Mar. 1887 ... | 19,438-11-7 | Works finished ; accounts being adjusted. |

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 59. Purchase of open spaces ..... | 12,000 | Cur. rev. | 25th Apr. 1888 ... | 25th Apr. 1888 ... |
| 60. Street names and number plates ..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888.. |
| 61. Raising manholes between Wari Bunder and the Fort Market. | 4,619 | Loan ..... | 9th April 1888 ... | 9th April 1888 ... |
| 62. Additional manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 63. New Market at Colaba ..... | 50,300 | Loan ..... | 26th March 1887. | 26th March 1888.. |
| 64. Erskine Road Market extension ..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 65. Arthur Crawford Market extension ... | 49,942 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 66. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 67. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ... | 25th April 1888. | 25th April 1888... |
| 68. New Ward Office at Dadur ..... | 16,000 | Do. ... | Do. ... | Do. ... |
| 69. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 70. Purchase of 11,838 s. yds. of land at De Lisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888.. |
| 71. Road through Nowroji Hill from Elphinstone bridge to Dongri Street. | 2,63,875 | Loan ... | Do. ... | Do. ... |
| 72. Repairs to Store Sheds in Arthur C. Markets. | 31,000 | Cur. rev. | 8th March 1888... | 8th March 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 441 | Work in progress. |
| ..... | ..... | ..... | The contract form and specification are with the printers. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| Feb. 1888... | ..... | 74,111 | Work in progress departmentally. |
| ..... | ..... | ..... | Specification is being drawn up. |
| ..... | ..... | ..... | Tenders are received. |
| ..... | ..... | 14,140 | Old office purchased from the owner. |
| ..... | ..... | ..... | Arrangements to acquire the land are being made. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 20,181 | Work in progress. |

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF OCTOBER 1888

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I. WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884... |
| 2. New mains in various streets ..... | 81,550 | Cur. rev... | 26th May 1887 ... | 26th May 1887 ... |
| 3. New 18″ and 12″ main in Frere Road..... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 4. Filling in Compound, Water Works Stores and New offices. | 25,000 | Cur. rev ... | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 5. Fixing additional Deacon's metres and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1888 ... |
| 6. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ... | 26th Jan. 1888 ... | 26th Jan. 1888 .. |
| 7. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev... | Do. ... | Do. ... |
| 8. Arthur Road 27″ main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 9. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev.... | 25th Apr. 1888... | 25th April 1888.. |
| 10. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | Do. ... | Do. ... |
| 11. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st Mar. 1888 ... | 1st March 1888... |
| 12. Fixing Hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 13. New catch-water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 .. |
| 14. Mains in 14 streets west of Frere Road | 17,325 | Loan ... | 15th March 1888. | 15th March 1888. |
| 15. Other mains in various streets ..... | 51,475 | | | |
| 16. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. ... | Do. ... |
| 17. Deacon's Metres ..... | 18,000 | Do. ... | 25th April 1888. | 25th April 1888... |
| II. SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 18. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ... | 8th Dec. 1881 ... | ..... |
| 19. Automatic flushers at heads of gullies... | 5,570 | Do. ... | Do. ... | ..... |
| 20. Provision for shaft ventilators ... | 45,652 | Do. ... | Do. ... | ..... |
| 21. Closing storm-water opening in Frere Road Sewer and providing ventilators. | 22,827 | Do. ... | ..... | ..... |
| 22. Ovoid Sewer, Argyle Road ..... | 27,600 | Do. ... | 16th May 1883.... | ..... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Oct. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884 ... | 31st Dec. 1886... | 3,37,312 | Work completed; additional works completed; final accounts in preparation. |
| ..... | ..... | 78,544 | Work completed; final accounts not adjusted. |
| ..... | ..... | 79,933 | Do. do. do. |
| ..... | 31st Dec. 1888 ... | 21,733 | Work completed; additional works in progress. |
| May 1887. | May 1889... | 717 | Work in progress departmentally as required. |
| 16th Feb. 1888... | 30th June 1889.. | 18,535 | Work completed for first Section. |
| Do. ... | ..... | 4,994 | Work completed 7th September 1888. |
| 2nd Feb. 1888 ... | 31st Dec. 1888 ... | 23,307 | In progress. |
| Not commenced .. | 30th Apr. 1889 ... | 686 | Contract let. |
| Do. ... | Do. ... | ..... | |
| 1st July 1888 ... | 31st Dec. 1888 ... | 400 | Work in progress. |
| 6th Oct. 1888 ... | 28th Feb. 1889 ... | 65 | Hydrants arrived from England and fixing will be commenced immediately. |
| 23rd April 1888... | 31st Aug. 1889 ... | 5,645 | Eastern side at work, but slopes not completed; western side, first Section, completed. |
| 19th May 1888 ... | 31st Dec. 1888 ... | 15,590 | Contracts let and work in progress. |
| 2nd Feb. 1888... | Do. ... | 5,336 | Work in progress. |
| Apr. 1888... | 28th Feb. 1888 ... | 16,520 | All the meters have been received from England. |
| ..... | ..... | 69,495 | A contract for supply of iron materials at a cost of Rs. 1,53,353, was sanctioned. House sullage water connection in Khetwadi portion completed at a cost of Rs. 78,113-8-7. The work of shaft ventilators commenced. |
| ..... | ..... | ..... | |
| ..... | ..... | 254 | |
| ..... | ..... | 1,282 | Tenders invited. |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 23. Agripada Pipe Sewers ..... | 1,05,953 | Loan ..... | 16th May 1883 ... | 2nd Jan. 1884... |
| 24. Ovoid sewer from Crawford Market to Mint. | 85,287 | Do. ..... | Do. ... | Do. ... |
| 25. Drainage of Fort ..... | 4,13,909 | Do. ..... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 26. Kamathipura privy connections ..... | 40,765 | Do. ..... | 8th Dec. 1881... | ..... |
| 27. Additional works at Worli Pumping Station. | 39,724 | Do. ..... | 24th Nov. 1884 ... | 24th Nov. 1884. |
| 28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev... | 1st Mar. 1888... | 1st Mar. 1888 ... |
| 29. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |
| 30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Do. ... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| III.—SURFACE DRAINAGE. | | | | |
| 31. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 32. Extension of Parel Road storm-water drain to Shephard Road. | 33,749 | Do. ... | 26th Mar. 1888. | 26th Mar. 1888... |
| 33. Storm-water drain to Bellasis Road to two-thirds the length of Ripon Road | 23,436 | Do. ... | Do. ... | Do. ... |
| 34. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887... | 20th Oct. 1887 ... |
| 35. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888... | 15th Mar. 1888... |
| 36. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. .. |
| 37. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. .. | Do. ... | Do. ... |
| 38. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 39. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 40. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 41. Fifty water entrances between Wari Bandar and the Fort Market. | 14,773 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Oct. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 20th Mar. 1884... | 30th June 1885... | 1,06,679 | Work completed; final accounts not settled. |
| Do ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 20th Oct. 1884 ... | 1st Mar. 1889... | 2,88,744 | Pipe sewers completed; house connections and ventilating shafts in progress. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 35,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | Surface ventilators being put up departmentally along Marine Lines and Mayo Road. |
| ..... | ..... | ..... | Tenders invited. |
| ..... | ..... | ..... | Tender accepted. |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,11,609 | Work completed; extra works in progress. |
| ..... | ..... | ..... | Tenders received. |
| ..... | ..... | ..... | |
| ..... | ..... | 3,648 | Culvert and retaining wall completed. |
| ..... | ..... | 1,307 | Work in progress (several finished). |
| ..... | ..... | 1,108 | Work completed. |
| ..... | ..... | 4,219 | Do. |
| ..... | ..... | 561 | Do. |
| ..... | ..... | 718 | Do. |
| ..... | ..... | 870 | Do. |
| ..... | ..... | ..... | Tenders invited. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV,—ROADS, BUILDINGS, &c. | Rs. | | | |
| 42. New street across the Old Race-course. | 1,30,831 (From this grant Rs. 425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.) | Loan ..... | 16th May 1883 ... | 4th Feb. 1884... |
| 43. New Night-soil Depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1888.. | 25th Apr. 1888... |
| 44. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883 ... | ..... |
| 45. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ... | Do. ... | ..... |
| 46. Engineers' Chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 47. Ward Offices, Assessment Department. | 25,000 | Do. | 28th July 1882... | 28th July 1882 ... |
| 48. New Latrines and Urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st Apr. 1888.<br>Budget for 1888-89. |
| 49. Nesbit Road Bridge ..... | 2,15,000 | Cur. rev. | 24th Nov. 1884... | 24th Nov. 1884... |
| 50. Proposed Cholera Hospital ..... | 13,160 | Do. ... | 13th Oct. 1884 ... | 13th Oct. 1884 ... |
| 51. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs. 2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 52. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 53. Reserved for Vaccination Quarters and Stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. ... |
| 54. Reserved for Health Department Stables in F & G Wards. | *23,992 | Do. ... | Do. ... | Do. ... |
| 55. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887 ... | 13th Oct. 1887 ... |
| 56. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886 ... | 1st Apr. 1886 ... |

*From this Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Oct. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,28,100 | Work completed. Some of the Solicitor's charges and claims for land compensation are still to be paid. |
| ..... | ..... | ..... | Tenders invited. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 43,660 | Work completed. Final bill for extra work not yet received. |
| ..... | ..... | 15,023 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 958 | Work in progress. |
| ..... | ..... | 2,06,619 | Work completed. Final account from the G. I. P. Railway Company not yet received. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed. Claims for land not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 37,074 | Work completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,948 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 4,661 | |
| 14th July 1886... | 21st Mar. 1887 ... | 19,438-11-7 | Works finished; accounts being adjusted. |

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 57. Purchase of open spaces..... | 12,000 | Cur. rev. | 25th April 1888... | 25th April 1888.. |
| 58. Street names and number plates..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 59. Raising manholes between Wari Bandar and the Fort Market. | 4,619 | Loan ... | 9th April 1888 ... | 9th April 1888 ... |
| 60. Additional Manholes ..... | 3,526 | Do, ... | Do, ... | Do, ... |
| 61. New Market at Colaba ..... | 50,300 | Do. ... | 26th March 1887. | 26th March 1888. |
| 62. Erskine Road Market extension..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 63. Arthur Crawford Market extension ... | 49,942 | Do. ... | 26th March 1888. | 26th March 1888. |
| 64. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 65. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls. | 22,700 | Do. ... | 25th April 1888... | 25th April 1888. |
| 66. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 67. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888. |
| 68. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Do. ... | Do. ... | Do. ... |
| 69. Repairs to Store Sheds in Arthur Crawford Markets. | 31,000 | Cur. rev. | 8th March 1888 . | 8th March 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Oct. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 441 | Work in progress. |
| ..... | ..... | ..... | Tenders invited. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| Feb, 1888 ... | ..... | 74,486 | Work in progress departmentally. |
| ..... | ..... | ..... | Specification is being printed. |
| ..... | ..... | ..... | Tender accepted. |
| ..... | ..... | 7,247 | Land acquired. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 23,772 | Work in progress. |

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF NOVEMBER 1888,

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I.—WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884... |
| 2. New mains in various streets ..... ..... | 81,550 | Cur., rev... | 26th May 1887 ... | 26th May 1887 ... |
| 3. New 18" and 12" main in Frere Road..... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 4. Filling in Compound, Water Works Stores and New offices. | 25,000 | Cur. rev ... | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 5. Fixing additional Deacon's metres and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1888 ... |
| 6. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ... | 26th Jan. 1888 ... | 26th Jan. 1888 .. |
| 7. Repitching and repairing Dam No. 2, Vehar. | 10,000 | Cur. rev... | Do. ... | Do. ... |
| 8. Arthur Road 27" main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 9. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev.... | 25th Apr. 1888... | 25th April 1888.. |
| 10. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | Do. ... | Do. ... |
| 11. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st Mar. 1888 ... | 1st March 1888... |
| 12. Fixing Hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 13. New catch-water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 .. |
| 14. Mains in 14 streets west of Frere Road | 68,800 | Loan ... | 15th March 1888. | 15th March 1888. |
| 15. Other mains in various streets ..... | 51,475 | | | |
| 16. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. ... | Do. ... |
| 17. Deacon's Metres ..... | 18,000 | Do. ... | 25th April 1888. | 25th April 1888... |
| II.—SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 18. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ... | 8th Dec. 1881 ... | ..... |
| 19. Automatic flushers at heads of gullies... | 5,570 | Do. ... | Do. ... | ..... |
| 20. Provision for shaft ventilators ... | 45,652 | Do. ... | Do. ... | ..... |
| 21. Closing storm-water opening in Frere Road Sewer and providing ventilators. | 22,827 | Do. ... | ..... | ..... |
| 22. Ovoid Sewer, Argyle Road ..... | 27,606 | Do. ... | 16th May 1883.... | ..... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Nov. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884 ... | 31st Dec. 1886... | 3,37,312 | Work completed; additional works completed; final accounts in preparation. |
| ..... | ..... | 79,288 | Work completed; final accounts not adjusted, pending the receipt of sanction. |
| ..... | ..... | 79,933 | Do. do. do. |
| ..... | 31st Dec. 1888 ... | 21,811 | Work completed; additional works in progress. |
| May 1887. | May 1889... | 823 | Work in progress departmentally as required. |
| 16th Feb. 1888... | 30th June 1889... | 18,535 | Work completed for first Section. |
| Do. ... | ..... | 4,994 | Work completed 7th September 1888. |
| 2nd Feb. 1888 ... | 28th Feb. 1889 ... | 22,344 | In progress. |
| Not commenced .. | 30th Apr. 1889 ... | 878 | Contract let. |
| Do. ... | Do. ... | ..... | |
| 1st July 1888 ... | 31st Dec. 1888 ... | 500 | Work in progress. |
| 6th Oct. 1888 ... | 28th Feb. 1889 ... | 994 | Hydrants have arrived from England and the work of fixing them is in progress. |
| 23rd April 1888... | 31st Aug. 1889 ... | 5,645 | Eastern side at work, but slopes not completed; western side, first Section, completed. |
| 19th May 1888 ... | 31st Jan. 1889 ... | 34,062 | Contracts let and work in progress. |
| 2nd Feb. 1888... | 28th Feb. 1889 ... | 5,336 | Work in progress. |
| Apr. 1888... | Do. ... | 16,788 | All the meters have been received from England. |
| ..... | ..... | 69,495 | A contract for supply of iron materials at a cost of Rs. 1,53,853, was sanctioned. House sullage water connection in Khetwadi portion completed at a cost of Rs. 78,113-8-7. The work of shaft ventilators commenced. |
| ..... | ..... | ..... | |
| ..... | ..... | 9,903 | |
| ..... | ..... | 1,282 | Tenders invited. |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 23. Agripada Pipe Sewers ..... | 1,05,953 | Loan ..... | 16th May 1883 ... | 2nd Jan. 1884... |
| 24. Ovoid sewer from Crawford Market to Mint. | 85,287 | Do. ..... | Do. ... | Do. ... |
| 25. Drainage of Fort..... | 4,13,909 | Do. ..... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 26. Kamathipura privy connections ..... | 40,765 | Do. ..... | 8th Dec. 1881... | ..... |
| 27. Additional works at Worli Pumping Station. | 39,724 | Do. ..... | 24th Nov. 1884 ... | 24th Nov. 1884. . |
| 28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev... | 1st Mar. 1888... | 1st Mar. 1888 ... |
| 29. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |
| 30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Do. ... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| III.—SURFACE DRAINAGE. | | | | |
| 31. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 32. Extension of Parel Road storm-water drain to Shephard Road. | 33,749 | Do. ... | 26th Mar. 1888. | 26th Mar. 1888... |
| 33. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ... | Do. ... | Do. ... |
| 34. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887... | 20th Oct. 1887 ... |
| 35. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888... | 15th Mar. 1888... |
| 36. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. .. |
| 37. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. .. | Do. ... | Do. ... |
| 38. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 39. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 40. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 41. Fifty water entrances between Wari Bandar and the Fort Market. | 14,773 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Nov. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 0th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed; final accounts not settled. |
| Do ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 0th Oct. 1884 ... | 1st Mar. 1889 ... | 2,88,744 | Pipe sewers completed; house connections and ventilating shafts nearly completed. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 3th Apr. 1885... | Nov. 1885 ... | 35,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | Surface ventilators being put up departmentally along Marine Lines and Mayo Road. |
| ..... | ..... | ..... | Tenders invited. |
| ..... | ..... | ..... | Tender accepted. |
| 5th Nov. 1885... | 1st Dec. 1885 ... | 13,11,609 | Work completed; extra works in progress. |
| ..... | ..... | ..... | Tenders received. |
| ..... | ..... | ..... | |
| ..... | ..... | 3,648 | Culvert and retaining wall completed. |
| ..... | ..... | 1,943 | Work in progress (several finished). |
| ..... | ..... | 1,130 | Work completed. |
| ..... | ..... | 4,292 | Do. |
| ..... | ..... | 558 | Do. |
| ..... | ..... | 718 | Do. |
| ..... | ..... | 875 | Do. |
| ..... | ..... | ..... | Tenders invited. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| 42. New street across the Old Race-course. | 1,30,831 (From this grant Rs. 425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.) | Loan ..... | 16th May 1883 ... | 4th Feb. 1884... |
| 43. New Night-soil Depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1888... | 25th Apr. 1888 ... |
| 44. Enlargement of Dhobies' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883 ... | ..... |
| 45. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ... | Do. ... | ..... |
| 46. Engineers' Chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 47. Ward Offices, Assessment Department. | 25,000 | Do. | 28th July 1882... | 28th July 1882 ... |
| 48. New Latrines and Urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st Apr. 1888.<br>Budget for 1888-89. |
| 49. Nesbit Road Bridge ..... | 2,15,000 | Cur. rev. | 24th Nov. 1884... | 24th Nov. 1884... |
| 50. Proposed Cholera Hospital ..... | 13,160 | Do. ... | 13th Oct. 1884 ... | 13th Oct. 1884 ... |
| 51. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs. 2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 52. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 53. Reserved for Vaccination Quarters and Stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. ... |
| 54. Reserved for Health Department Stables in F & G Wards. | *23,992 | Do. ... | Do. ... | Do. ... |
| 55. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887 ... | 13th Oct. 1887 ... |
| 56. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886 ... | 1st Apr. 1886 ... |

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Nov. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,28,100 | Work completed. Some of the Solicitor's charges and claims for land compensation are still to be paid. |
| ..... | ..... | ..... | Tenders accepted. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and Contractor ordered to proceed with work. |
| 12th Aug. 1885... | 30th Oct. 1886... | 43,660 | Work completed. Final bill for extra work submitted for sanction. |
| ..... | ..... | 15,023 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 958 | Work in progress. |
| ..... | ..... | 2,06,619 | Work completed. Final account from the G. I. P. Railway Company not yet received. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed. Claims for land not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 37,074 | Work completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,948 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 4,661 | |
| 14th July 1886... | 21st Mar. 1887 ... | 19,461 | Works finished; accounts being adjusted. |

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 57. Purchase of open spaces..... | 12,000 | Cur. rev. | 25th April 1888... | 25th April 1888.. |
| 58. Street names and number plates..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 59. Raising manholes between Wari Bandar and the Fort Market. | 4,619 | Loan ... | 9th April 1888 ... | 9th April 1888 ... |
| 60. Additional Manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 61. New Market at Colaba ..... | 50,300 | Do. ... | 26th March 1887. | 26th March 1888. |
| 62. Erskine Road Market extension..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 63. Arthur Crawford Market extension ... | 49,942 | Do. ... | 26th March 1888. | 26th March 1888. |
| 64. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 65. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls. | 22,700 | Do. ... | 25th April 1888... | 25th April 1888. |
| 66. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 67. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888. |
| 68. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Do. ... | Do. ... | Do. ... |
| 69. Repairs to Store Sheds in Arthur Crawford Markets. | 31,000 | Cur. rev. | 8th March 1888 . | 8th March 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Nov. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 490 | Work in progress. |
| ..... | ..... | ..... | Tenders invited. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 75,084 | Work in progress departmentally. |
| Feb. 1888... | ..... | ..... | Tenders invited. |
| ..... | ..... | ..... | Tender accepted. |
| ..... | ..... | ..... | |
| ..... | ..... | 7,247 | Land acquired. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 28,540 | Work completed. |

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF DECEMBER 1888

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I.—WATER-WORKS. | Rs. | | | |
| 1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment. | 3,46,012 | Loan ..... | 8th Dec. 1881 & 16th Dec. 1884. | 16th Dec. 1884... |
| 2. New mains in various streets ..... ..... | 81,550 | Cur. rev... | 26th May 1887 ... | 26th May 1887 ... |
| 3. New 18" and 12" main in Frere Road..... | 85,000 | Loan ..... | Do. ... | Do. ... |
| 4. Filling in Compound, Water Works Stores and New offices. | 25,000 | Cur. rev ... | Do. and 14th Nov. 1887 | Do. and 14th Nov. 1887 |
| 5. Fixing additional Deacon's metres and work in connection therewith. | 5,000 | Do. ... | 26th May 1887 ... | 26th May 1888 ... |
| 6. Constructing concrete trench, Waste Weir, Vehar. | 35,000 | Loan ... | 26th Jan. 1888 ... | 26th Jan. 1888 ... |
| 7. Arthur Road 27" main ..... | 25,219 | Loan ..... | 11th Jan. 1888 ... | 11th Jan. 1888 ... |
| 8. Additions and alterations to Vehar Bungalow. | 5,000 | Cur. rev.... | 25th Apr. 1888... | 25th April 1888.. |
| 9. Rooms over the sluice houses, Vehar and Tulsi mains. | 5,000 | Do. ... | Do. ... | Do. ... |
| 10. Preparing and lithographing copies of water mains. | 2,000 | Do. ... | 1st Mar. 1888 ... | 1st March 1888... |
| 11. Fixing Hydrants ..... | 10,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 12. New catch-water channels at Vehar ... | 10,000 | Do. ... | 7th April 1888 ... | 7th April 1888 .. |
| 13. Mains in 14 streets west of Frere Road | 17,325 | Loan ... | 15th March 1888. | 15th March 1888. |
| 14. Other mains in various streets ..... | 51,475 | | | |
| 15. Arthur Road Connection Works ..... | 13,200 | Do. ... | Do. .. | Do. ... |
| 16. Deacon's Metres ..... | 18,000 | Do. ... | 25th April 1888. | 25th April 1888... |
| 17. Additional catch-water channels at Vehar. | 3,600 | Cur. rev... | 7th Jan. 1889 ... | 7th Jan. 1889 ... |
| 18. Extension of catch-water channel at Tulsi. | 20,000 | Loan ..... | Do. ... | 4th Feb. 1889... |
| II.—SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| 19. House connections without privy fittings in the first section of Drainage Scheme. | 5,71,165 | Loan ... | 8th Dec. 1881 ... | ..... |
| 20. Automatic flushers at heads of gullies... | 5,570 | Do. ... | Do. ... | ..... |
| 21. Provision for shaft ventilators ... | 45,652 | Do. ... | Do. ... | ..... |
| 22. Closing storm-water opening in Frere Road Sewer and providing ventilators. | 22,827 | Do. ... | ..... | ..... |
| 23. Ovoid Sewer, Argyle Road ..... | 27,600 | Do. ... | 16th May 1883.... | ..... |

APPENDICES TO RECORD.

## OF NEW WORKS IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1888. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 23rd Dec. 1884 ... | 31st Dec. 1886 ... | 3,37,312 | Work completed; additional works completed; final accounts in preparation. |
| ..... | ..... | 78,660 | Work completed; final accounts not adjusted, pending the receipt of sanction. |
| ..... | ..... | 79,933 | Do. do. do. |
| ..... | 31st Dec. 1888 ... | 21,820 | Work completed; additional works in progress. |
| May 1887. | May 1889... | 1,609 | Work in progress departmentally as required. |
| 16th Feb. 1888... | 30th June 1889... | 18,535 | Work completed for first Section. |
| 2nd Feb. 1888 ... | 28th Feb. 1889 ... | 24,560 | In progress. |
| Not commenced .. | 30th Apr. 1889 ... | 1,070 | Contract let. |
| 3rd Dec..... | Do. ... | ..... | |
| 1st July 1888 ... | 31st Dec. 1888 ... | 580 | Work in progress. |
| 6th Oct. 1888 ... | 28th Feb. 1889 ... | 6,616 | Hydrants have arrived from England and the work of fixing them is in progress. |
| 23rd April 1888... | 31st Aug. 1889 ... | 5,645 | Eastern side at work, but slopes not completed; western side, first Section, completed. |
| 19th May 1888 ... | 31st Jan. 1889 ... | 54,550 | Contracts let and work in progress. |
| 2nd Feb. 1888... | 28th Feb. 1889 ... | 5,336 | Work in progress. |
| Apr. 1888... | Do. ... | 16,788 | All the meters have been received from England. |
| ..... | ..... | ..... | Tender accepted and wokr in progress. |
| ..... | ..... | ..... | |
| ..... | ..... | 69,495 | A contract for supply of iron materials at a cost of Rs. 1,53,853, was sanctioned. |
| ..... | ..... | ..... | House sullage water connection in Khetwadi portion completed at a cost of Rs. 78,113-8-7. The work of shaft ventilators commenced. |
| ..... | ..... | 19,372 | |
| ..... | ..... | 1,282 | Tenders invited, but none received. |
| ..... | ..... | ..... | |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 24. Agripada Pipe Sewers ..... | 1,05,953 | Loan ..... | 16th May 1883 ... | 2nd Jan. 1884... |
| 25. Ovoid sewer from Crawford Market to Mint. | 85,287 | Do. ..... | Do. ... | Do. ... |
| 26. Drainage of Fort..... | 4,13,909 | Do. ..... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 27. Kamathipura privy connections ..... | 40,765 | Do. ..... | 8th Dec. 1881... | ..... |
| 28. Additional works at Worli Pumping Station. | 39,724 | Do. ..... | 24th Nov. 1884 ... | 24th Nov. 1884. . |
| 29. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev... | 1st Mar. 1888... | 1st Mar. 1888 ... |
| 30. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |
| 31. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Do. ... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| III.—SURFACE DRAINAGE. | | | | |
| 32. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats. | 15,07,836 | Do. ... | 22nd Mar. 1882... | 29th Sept. 1882... |
| 33. Extension of Parel Road storm-water drain to Shephard Road. | 33,749 | Do. ... | 26th Mar. 1888. | 26th Mar. 1888... |
| 34. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ... | Do. ... | Do. ... |
| 35. Constructing two culverts on Malabar Hill Road near Chowpati. | 6,027 | Cur. rev... | 20th Oct. 1887... | 20th Oct. 1887 ... |
| 36. Additional water entrances on east side of Parel Road. | 3,598 | Do. ... | 15th Mar. 1888... | 15th Mar. 1888... |
| 37. Water entrances in Khetwadi 12th Lane and in Charni Road. | 1,321 | Do. ... | Do. ... | Do. .. |
| 38. Water entrances in Khetwadi Main Road from 1st to 3rd Lane. | 5,253 | Do. .. | Do. ... | Do. ... |
| 39. Two additional water entrances in Nesbit Road. | 569 | Do. ... | Do. ... | Do. ... |
| 40. Water entrances at junction of Bapu Khote Street and Erskine Road. | 1,008 | Do. ... | Do. ... | Do. ... |
| 41. Two new water entrances in Bellasis Junction Road. | 446 | Do. ... | Do. ... | Do. ... |
| 42. Fifty water entrances between Wari Bandar and the Fort Market. | 14,773 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 20th Mar. 1884... | 30th June 1885... | 1,05,679 | Work completed; final accounts not settled. |
| Do ... | 16th June 1885... | 82,839 | Completed; accounts being adjusted. |
| 20th Oct. 1884 ... | 1st Mar. 1889 ... | 3,02,377 | Pipe sewers completed; house connections and ventilating shafts nearly completed. |
| ..... | ..... | ..... | The consideration of this question is deferred by the Corporation. |
| 13th Apr. 1885... | Nov. 1885 ... | 35,363 | Work completed; final accounts under adjustment. |
| ..... | ..... | ..... | Surface ventilators being made departmentally along Marine Lines and Mayo Road. |
| ..... | ..... | ..... | Tenders invited, but no tender received. |
| ..... | ..... | 156 | Tender accepted, and the work commenced. |
| 25th Nov. 1885... | 1st Dec. 1885 ... | 13,11,609 | Work completed; extra works in progress. |
| ..... | ..... | ..... | Tenders received, and work commenced. |
| ..... | ..... | ..... | |
| ..... | ..... | 3,692 | Culvert and retaining wall completed. |
| ..... | ..... | 2,042 | Work finished. |
| ..... | ..... | 1,130 | Work completed. |
| ..... | ..... | 4,592 | Do. |
| ..... | ..... | 558 | Do. |
| ..... | ..... | 718 | Do. |
| ..... | ..... | 875 | Do. |
| ..... | ..... | ..... | Tenders invited, but no tender received. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| 43. New street across the Old Race-course. | 1,30,831 (From this grant Rs. 425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.) | Loan ..... | 16th May 1883 ... | 4th Feb. 1884.. |
| 44. New Night-soil Depôt at the south end of DeLisle Road. | 5,612 | Cur. rev. | 25th Apr. 1888... | 25th Apr. 1888 ... |
| 45. Enlargement of Dhobis' Lines, Mahaluxmi. | 45,652 | Loan ..... | 16th May 1883 ... | ..... |
| 46. Health Department Bullock Stables, Bori Bandar. | 45,652 | Do. ... | Do. ... | ..... |
| 47. Engineers' Chowkies ..... | 20,000 | Cur. rev. | Budget for 1883-84. | Budget for 1883-84. |
| 48. Ward Offices, Assessment Department. | 25,000 | Do. | 28th July 1882... | 28th July 1882 ... |
| 49. New Latrines and Urinals ..... | 6,254<br>20,000 | Do. | Renewed grant for 1887-88.<br>Budget for '88-89 | 1st Apr. 1888.<br>Budget for 1888-89. |
| 50. Nesbit Road Bridge ..... | 2,15,000 | Cur. rev. | 24th Nov. 1884... | 24th Nov. 1884... |
| 51. Proposed Cholera Hospital ..... | 13,160 | Do. ... | 13th Oct. 1884 ... | 13th Oct. 1884 ... |
| 52. Charni Road Extension to Falkland Road. | 29,862 (Out of this sum Rs. 2,815 have been transferred to Love Grove Pumping-Station Contingencies.) | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 53. Small-pox Hospital, according to the recommendation of the Committee of the Corporation. | 39,636 | Cur. rev. | Budget for 1885-86. | Budget for 1885-86. |
| 54. Reserved for Vaccination Quarters and Stables to be erected near Municipal Workshops. | 15,000 | Do. ... | Do. ... | Do. ... |
| 55. Reserved for Health Department Stables in F & G Wards. | *23,992 | Do. ... | Do. ... | Do. ... |
| 56. Experiments of Kutchra Burning ..... | 7,873 | Do. ... | 13th Oct. 1887 ... | 13th Oct. 1887 ... |
| 57. Improvement of Bandora Slaughter-house premises. | 20,000 | Do. ... | 5th Feb. 1886 ... | 1st Apr. 1886 ... |

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,28,100 | Work completed. Some of the Solicitor's charges and claim for land compensation are still to be paid. |
| ..... | ..... | ..... | Tender accepted. |
| ..... | ..... | 1,699 | Alteration of road line has now been settled, and work will be resumed. |
| 12th Aug. 1885... | 30th Oct. 1886... | 43,660 | Work completed. Final bill for extra work submitted for sanction. |
| ..... | ..... | 15,023 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward. |
| ..... | ..... | | |
| ..... | ..... | 1,195 | Work in progress. |
| ..... | ..... | 2,14,619 | Work completed. Final account from the G. I. P. Railway Company not yet received. |
| ..... | ..... | ..... | Delayed for want of a suitable site. |
| ..... | ..... | 13,375 | Work completed. Claims for land compensation not settled. |
| 25th July 1887 ... | 25th July 1887 ... | 37,094 | Work completed. |
| ..... | ..... | ..... | A site has been granted by Government, but the conveyance has not yet been executed. |
| ..... | ..... | 9,999 | Land acquired; designs are awaiting approval. |
| ..... | ..... | 4,703 | |
| 14th July 1886... | 21st Mar. 1887 ... | 19,461 | Works finished; accounts being adjusted. |

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

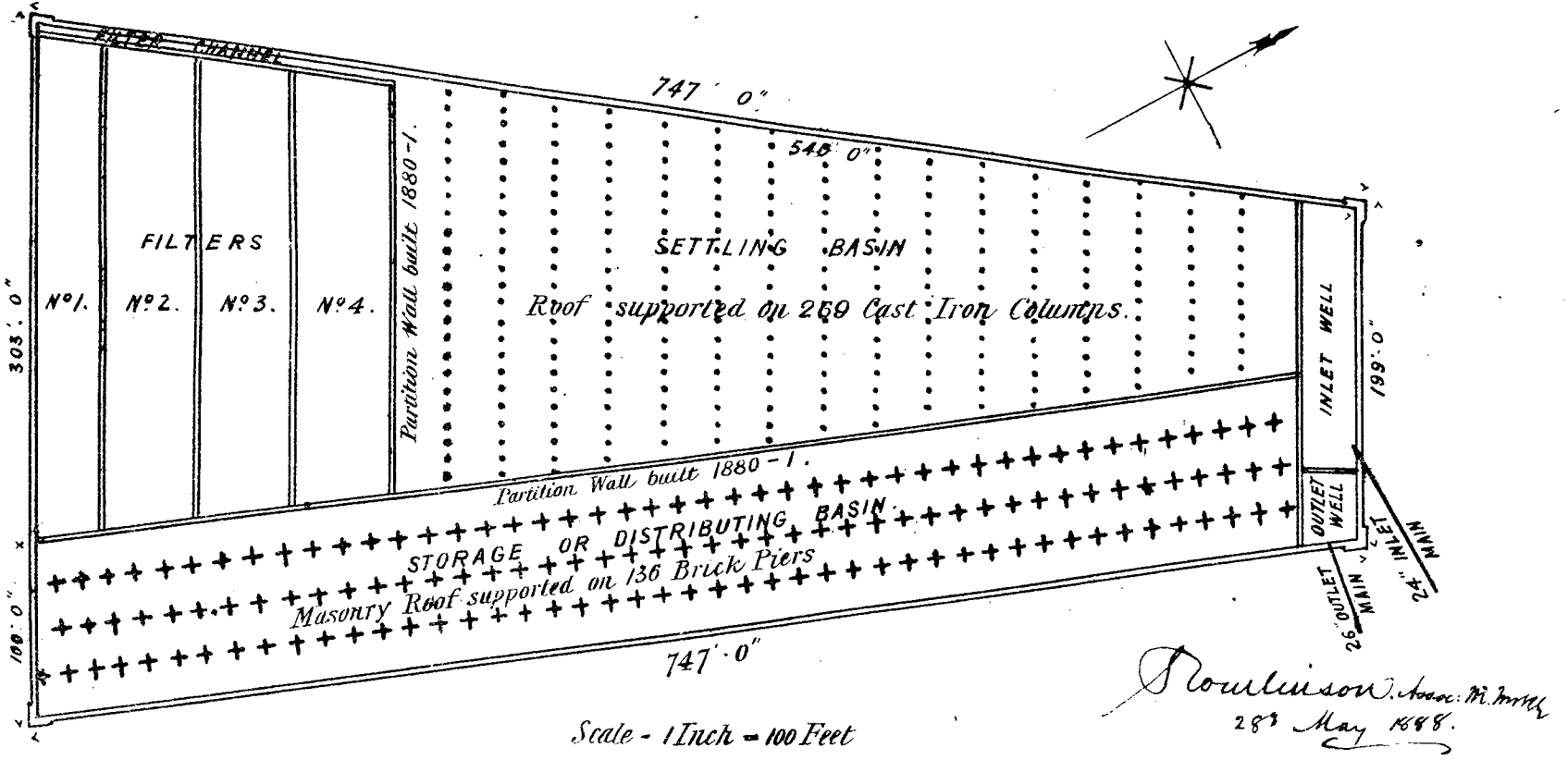
## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| 58. Purchase of open spaces..... | 12,000 | Cur. rev. | 25th April 1888... | 25th April 1888 .. |
| 59. Street names and number plates..... | 5,000 | Do. ... | 15th March 1888. | 15th March 1888. |
| 60. Raising manholes between Wari Bandar and the Fort Market. | 4,619 | Loan ... | 9th April 1888 ... | 9th April 1888 ... |
| 61. Additional Manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 62. New Market at Colaba ..... | 50,300 | Do. ... | 26th March 1887. | 26th March 1888. |
| 63. Erskine Road Market extension..... | 4,04,122 | Do. ... | 1st Dec. 1887 ... | 1st Dec. 1887 ... |
| 64. Arthur Crawford Market extension ... | 49,942 | Do. ... | 26th March 1888. | 26th March 1888. |
| 65. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ... | Do. ... | Do. ... |
| 66. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls. | 22,700 | Do. ... | 25th April 1888... | 25th April 1888. |
| 67. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same. | 11,503 | Do. ... | Do. ... | Do. ... |
| 68. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction. | 23,676 | Do. ... | 26th March 1888. | 26th March 1888. |
| 69. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Do. ... | Do. ... | Do. ... |
| 70. Repairs to Store Sheds in Arthur Crawford Markets. | 31,000 | Cur. rev. | 8th March 1888 . | 8th March 1888... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1888. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | ..... | |
| ..... | ..... | 959 | Work in progress. |
| ..... | ..... | ..... | Tenders invited, but no tenders received. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Site of Market not yet settled. |
| ..... | ..... | 2,83,855 | Work in progress departmentally. |
| Feb. 1888 ... | ..... | ..... | Tenders received. |
| ..... | ..... | 74 | Tender accepted, and work in progress. |
| ..... | ..... | ..... | Site not obtained. |
| ..... | ..... | 7,247 | Land acquired. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | 28,540 | Work completed. |

# GENERAL PLAN OF MALABAR HILL RESERVOIR.



# Appendix D.

## LEAKAGE FROM THE MALABAR HILL RESERVOIR.

Reports by the ACTING MUNICIPAL COMMISSIONER and the DEPUTY EXECUTIVE ENGINEER in charge Water Works, together with minutes by the ACTING EXECUTIVE ENGINEER and the EXECUTIVE ENGINEER, Tansa, *May* 1888.

*Report of the Committee of the Town Council, on the question of the alleged leakage of Malabar Hill Reservoir.*

THE Committee, appointed as per margin, at the meeting of the Town Council, held on the 9th instant, have the honour to forward herewith copy of letter from the Acting Municipal Commissioner, regarding the leakage from the Malabar Hill Reservoir, and to report that they entirely agree with the conclusions arrived at by him, and with his recommendations. The Committee are of opinion that the sinking of trial pits to ascertain whether there is leakage from the walls estimated to cost Rs. 2,500, should be carried out at once.

"That, with a view to allay public anxiety in the matter of the alleged leakage of the Malabar Hill Reservoir and having regard to the fact that the present time, that is to say, the period between this and the burst of the next monsoon, is most suitable for enquiry, the Acting Municipal Commissioner, in conjunction with Colonel Merewether, Sir Henry Morland and Surgeon-Major Waters, be asked to furnish the Town Council with specific information on the following points:—(A) How is the present unusually large overflow of water from the two sides of the Malabar Hill Reservoir (the Back Bay and the Nepean Sea Road side) into the sea, especially at this season of the year, to be accounted for? (B) Whether the circumstance is due to one or other of the following causes or to their combined action:—(*a*) The existence of natural springs on the hill; (*b*) The existence of any fissure or fissures in any of the walls of the Reservoir, through which water finds its way; (*c*) The nature of the stone used in the construction of the Reservoir; (*d*) Defects in the construction of the Reservoir; or (*e*) The theory that the rainfall of Bombay during the last and preceding years is 24 per cent. over the average." No. 1038.

That, in the event of the walls not showing signs of leakage, the further recommendations made by the Commissioner should be acted on as soon as practicable. That should the walls show signs of leakage, then it will be necessary to report further on the subject.

MUNICIPAL OFFICE;
*Bombay*, 28*th May* 1888.

G. MEREWETHER,
HENRY MORLAND,
GEO. WATERS.

No. 3349 of 1888-89.

BOMBAY, 26*th May* 1888.

To THE SECRETARY, TOWN COUNCIL.

SIR,—I have the honour to forward my report on the condition of the Malabar Hill Reservoir, with accompaniments, and to request that

you will call a meeting of the Sub-Committee of the Town Council, *viz.*: Sir H. Morland, Colonel Merewether, and Dr. Waters—with a view to its being discussed by them.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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MEMO.—When the question of the leakage from the Malabar Hill Reservoir was first discussed, I informed the Town Council that all the available evidence pointed to the fact that springs of water had existed on both sides of Malabar Hill before the construction of the Reservoir, and that, therefore, it could not be argued that the water now seen at Chowpati and Nepean Sea Road, was entirely due to leakage from the Reservoir, and I also said that so far as concerned any excess now visible over the quantity of water which formerly flowed from the Hill, I thought it was so small as to be not worth special notice.

2. Since then, in reply to a circular sent with a view to elicit information from a large number of gentlemen who had special means of knowing the true facts, either from their having lived for years near the locality, or from their having had special opportunities of noting the state of the water flow, I have received many letters which I append to this memo., and which very distinctly prove the following:—

(1) There was always water both on the Nepean Sea Road side and on the Chowpati side of Malabar Hill.

(2) The flow on the Nepean Sea Road side has not materially increased since the formation of the Reservoir.

(3) The flow on the Chowpati side has probably increased to some extent, some gentlemen stating that it has not in their opinion increased at all, whilst others say that it has.

3. So far, therefore, as concerns the water flow which is visible, and were no other information available, I should still have been of the same opinion as before, *i.e.*, that the leakage as judged by the outflow at Chowpati and Nepean Sea Road was not worth noting.

4. But at the same time I informed the Town Council that orders had been given to test the leakage by special gaugings inside the Reservoir as well as on the Hill side, and that I would inform the Council of the result at the end of May. These gaugings have been very carefully taken by Mr. Tomlinson, and they have revealed the fact that the quantity of water seen at Chowpati and Nepean Sea Road falls very far short of the total quantity the Reservoir actually loses day by day by leakage, the gaugings inside the Reservoir showing approximately a loss of $\frac{1}{4}$ of a million gallons per day.

5. This information of course entirely changes the whole aspect of the case, and shows that a large quantity of water must be running through the Hill into the sea out of sight, the loss shown by the gauging inside the Reservoir is more than three times as great as the water flowing out of the Hill at Chowpati and Nepean Sea Road taken together.

6. Mr. Tomlinson has submitted a very careful report on the construction of the Reservoir, and I do not therefore propose to write at length on the subject. The matter is one of so much importance that I thought it best to consult all the Engineers of the Municipality in Bombay, and therefore I discussed the whole matter very fully with Messrs. Clerke, Smith and Tomlinson, and I have also read the papers on the subject of the enquiry into the quality of the stone used.

APPENDICES.

7. *Stone used in building the Reservoir.*—This question was very fully investigated in 1879 and 1880. It appears from a report, dated 10th November 1879, of Mr. Forde, late Consulting Engineer, to whom the question was referred, that the walls of the Reservoir were faced throughout with Sewri stone to a depth of 9 inches, and that the heart of the wall behind this facing was chiefly built of Malabar Hill stone, blasted from the rock during the excavations. The walls are 4′ 8″ thick at the top and 15′ at the bottom. Mr. Forde's remark was "a wall built of Sewri stone would be stronger than one built of Malabar Hill stone" but he nowhere advocated either the rebuilding of the Reservoir, or any change in, or addition to, the work as completed. On the question of this use of the backing of Malabar Hill stone behind a facing of Sewri stone as affecting leakage, I append a memo. which Mr. Clerke, Executive Engineer, Tansa Works, has been kind enough to write at my request. As this is a purely engineering matter, I prefer to place Mr. Clerke's opinion before the Town Council, instead of stating my own.

It will be seen that Mr. Clerke does not consider that the stone used has anything to do with the leakage, and that the latter takes place through the floor and not through the walls.

8. All the Engineers are agreed that the stone used has nothing to do with the leakage. The walls are 15′ thick at the bottom and Mr. Tomlinson points out that when recently he had to open the wall to insert an outlet pipe, he found the work of excellent quality.

9. The three Engineers are also agreed that the leakage must be due to the floor, and I think there can be no doubt that this is the case.

The floor was not originally designed to carry the roof, and Mr. Walton, as appears from the correspondence, protested against the omission of certain measures which he recommended, to fit the floor for the altered conditions, it having to be cut up to allow of the erection of the 269 pillars and 136 piers carrying the roof.

Mr. Walton's recommendations were overruled by Mr. Forde, late Consulting Engineer, on the score of expense.

Mr. Walton thereupon wrote, on 14th May 1880, a curiously true forecast of what has subsequently taken place.

A copy of the correspondence will be found in Mr. Tomlinson's para. 25.

10. The present floor consists of 18 inches of lime concrete resting partly on rock and partly on packing.

Under Mr. Forde's advice it was not covered with any skin of cement, and as abovementioned, it was disturbed three years after it was laid down, for the foundations of the 269 pillars and 136 piers which support the roof, the roof itself not being part of the original design. I therefore concur with the Engineers in thinking that the leakage is due to the disturbance of the floor, the pressure of water there being about 8 lbs. to the square inch when the Reservoir is full.

11. The most important questions connected with the case are of course the following, *viz.* :—

(1) should measures now be taken to stop the leakage so far as possible ; and

(2) what is the best way of stopping it ?

12. The annual value of the water lost is computed at Rs. 22,812 at annas 4 per 1,000 gallons. Any expenditure on interest of capital

spent on repairing the leakage would therefore be justified, if it were less than this sum, and fortunately the interest charge necessary will only amount at most to about one-third of Rs. 22,812, or about Rs. 7,500, so that there can be no question as to the justification of expenditure.

13. The Engineers all agree in saying that the safety of the Reservoir is not in any way affected, and that the leakage will not materially increase, being probably now at its maximum. They, however, concur in advising that remedial measures should be undertaken at an early date with a view to save the water.

Unfortunately the different portions of the Reservoir must be emptied while the work goes on, and it will take a year to complete.

Any inconvenience to the public will be, however, much diminished by the laying of the 27″ Tansa main now being carried out along Arthur Road, this work enabling the water from the Vehar 24″ main to be sent into the Tulsi district, and also enabling the Tulsi water to be sent direct to the town without rising to Malabar Hill.

14. Lastly as to the measures to be adopted. Messrs. Clerke and Tomlinson both think the floor should be covered with a layer of cement concrete, but they differ as to the thickness, Mr. Tomlinson advising 9″, whereas Mr. Clerke thinks 6″ enough.

Mr. Clerke would plaster a skin $\frac{1}{2}$ inch thick of pure cement over his 6″ of cement concrete, whereas Mr. Tomlinson would rest content with 9″ of cement concrete alone without a skin of pure cement. Mr. Smith differs from both Messrs. Clerke and Tomlinson as to the necessity for a layer of concrete and would merely coat the present floor with a layer of pure cement 1 inch thick. This last proposal has the merit of simplicity and cheapness, as the cost would be about Rs. 64,000 as against Mr. Clerke's Rs. 1,12,000 and Mr. Tomlinson's Rs. 1,25,000.

I do not, however, think Mr. Smith's proposal would be a safe one to adopt. A very slight disturbance in the way of settling, &c., might affect a skin only 1″ thick and the floor would then become again defective. I think a heavier layer of material is certainly necessary, and as both Messrs. Clerke and Tomlinson, who are specialists in water works, consider a layer of cement concrete necessary, I have no hesitation in recommending the adoption of this remedy.

Further, considering the disturbance the present floor has undergone in being broken up to allow of the erection of 269 pillars, I am inclined to agree with Mr. Tomlinson and to recommend the greater depth of concrete which he advises, *viz*:—9 inches as against Mr. Clerke's 6 inches.

This would make the entire thickness of the concrete on the floor 2′ 3″, which is not more than many Engineers would consider necessary to bear 19 feet of water, considering that the floor rests partly on rock and partly only on packing.

15. The only other matter is the sinking of trial pits outside the walls, to see if any leakage can be detected there. This would only cost Rs. 2,500, and I think should be at once sanctioned.

F. L. CHARLES,
Acting Municipal Commissioner.

APPENDICES.

No. 254 OF 1888-89.

BOMBAY, 18*th May* 1888.

TO THE MUNICIPAL COMMISSIONER.

SIR,—As requested, I have the honour to give you below my opinion on the use of stone of the Malabar Hill quality in reservoir walls as affecting leakage. Malabar Hill stone is a columnar basalt of a finely crystaline character. It is very hard, it is not affected by the weather, and it is practically non-absorbent of water. It is not suitable for ashlar, or dressed work, as the difficulty of dressing it is great. It has a vitrous fracture which mortar does not adhere to so quickly as it does to the more coarsely crystaline basalts or traps such as Sewri stone. I have found that, after a time, the adhesion between the surface of this class of stone and the mortar is very strong, and it is a difficult thing to take to pieces a mass of uncoursed rubble masonry composed of it. I see no reason why a wall of uncoursed rubble masonry built of it, if of suitable dimensions and well put together, should be leaky, nor in my opinion does a facing of stone such as Sewri improve its qualities in this respect. In my opinion the escape of water from the Reservoir is not due to leakage through the walls, and the general condition of the ground in the neighbourhood of the reservoir tends to confirm this opinion; whatever leakage there may be is, I believe, through the floor, as a whole, or at its junction with the walls, or possibly with the several pillars which were erected after the construction of the reservoir when it was determined to cover it in. The stratum underlying the reservoir, though strong and practically unyielding as a foundation, is not itself watertight, as in such a formation there are numerous joints or fissures which easily admit of the escape of water.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

---

The following gentlemen say they remember water in the valley on the Nepean Sea Road side all the year round, before the Reservoir was constructed :—

MR. ARTHUR CRAWFORD.
DR. HOJEL.
MR. HIRJI JEHANGIER READYMONEY.
MR. PRYCE WEEDON.
MR. M. R. WYER.

The following remember water also on the Chowpati side before the construction of the Reservoir, though some say it has increased since then :—

MR. ARTHUR CRAWFORD.
MR. JOHN FLEMING.
DR. HOJEL.
MR. FAKIRJI PESTONJI.

F. L. CHARLES.

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2. Object of inquiries.

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4. Structure of Malabar Hill and District.
5. Water always found about the Hill.
6. Volume never ascertained until now.

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7. Gaugings of the Reservoir—Difficulties attending.
8. Do. do. —Results—Leakage 250,000 gallons per day.

*History of the Reservoir.*

9. Extract from the Annual Administration Report, 1876-1877.
10. Do. do. 1878.
11. Do. do. 1879.
12. Do. do. 1880.
13. Do. do. 1882.
14. Do. do. 1884.
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16. Design of the walls.
17. Their water-tightness.
18. Trial shafts should be sunk outside walls.
19. The floor probably leaking.
20. Its foundations.
21. First specification not carried out.
22. Why not carried out.
23. New contract for floor.
24. Revised specification for floor.
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26. Floor was subsequently broken in many places for piers and pillars.
27. Construction of Filters—Specification (part).
28. Construction of Roof—Specification (part).
29. Only specification as to floor quoted.

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30. Condition of walls should be determined.
31. Floors probably leaking.
32. Any remedy likely to be effective will be costly.
33. Safety of works not endangered by leaks.
34. Quantity and value of water lost by leakage (250,000 gallons per day, at annas 4 per 1,000 gallons, equal to Rs. 22,812-8-0 per annum).

35. Effect on city supply if all leakage stopped (30 minutes longer supply).
36. Trial shafts outside walls should be sunk at cost of Rs. 2,500.
37. Floor requires to be strengthened with 9″ cement concrete.
38. Cost of concrete (Rs. 1,25,000 ; Interest and Sinking Fund 6 per cent. equal to Rs. 7,500 per annum against Rs. 22,812-8-0, the value of the water lost).
39. Question of further extension of filters should be determined before floor strengthened.
40. Small leakage from outlet culvert may be watched for the present.
41. Sequence of works of concrete floor.

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No. 1. { Gaugings of stream at Nepean Sea Road side.
Do. do. at Chowpati side.
No. 2. Area and capacity of Reservoir Basins.
No. 3. Gaugings of Reservoir, April 30th to May 15th.
No. 4. Synopsis of History of Reservoir.

# First report on the condition of the Malabar Hill Reservoir.

No. 984 of 1888-89.

Bombay, 28*th May* 1888.

From S. TOMLINSON, Esq., Assoc. M. Inst. C.E., F.R. Met. Soc., Deputy Executive Engineer, in charge Water Works,

To F. L. CHARLES, Esq., C.S., Acting Municipal Commissioner.

Sir,—I have the honour to forward the results, up to the time of writing, of the gaugings and inquiries made at your request into the question of leakage from the Malabar Hill Reservoir.

Purpose of Report.

Object of inquiries.

2. The inquiries as to the leakage have been:—

A. To determine the character and volume of the streams on the Chowpati and Nepean Sea Road faces of the Hill.

B. To determine the relations between the income and outgo of the Reservoir and the relative water-tightness of the different portions of the Reservoir.

*Hydro-Geology of Malabar Hill.*

Streams due partly to discharge from strata.

3. The character of the streams on the Chowpati and Nepean Sea Road faces of the Hill is undoubtedly made up partly by water from the Hill and partly by the leakage from the Reservoir.

Structure of Malabar Hill and District.

4. Malabar Hill is built up of sedimentary strata capped by basalt. The basalt is fissured, and by no means water-tight. Under this structure it is natural to expect discharges of water from the junction of the upper permeable strata with a lower impermeable sedimentary stratum. Such discharges may be found along the whole face from Walkeshwar to Mahaluxmi, and they have, historically speaking, always been there. The eastern face of Malabar Hill was once proposed by Captain Turner in 1846 as a gathering ground for Water Works for Bombay; but the proposal was never carried out. It appears, however, that the direct rainfall was had mainly in view. Dr. Buist, writing on the Geology of Bombay in 1851 (Transactions of the Bombay Geographical Society, Volume X., page 167), says on the subject of water supplies: "The basalt is nearly destitute of water, although wells "are now formed in it in abundance on the eastern side of Malabar "Hill, by penetrating through the volcanic rocks to the sedimentary "beds below." The water at the small pond about half way up the face on the Chowpati side was met with when the excavations were being made for the Back Bay Reclamation. And there was a well on the site of the Reservoir itself at the crown of the ridge. Dhobies find to-day water for washing purposes in greater abundance north of Gowalia Tank Road (in Forgett Street) than they do on the southern side. Water is also drawn from wells in Forgett Street for the cattle stables. The water in these cases is at a low level, but the strata of Khambala Hill are also different from

Malabar Hill under the Reservoir, the impermeable beds being at a much lower level. Dhobies also wash on the southern side of Tardeo Road where the Hill, overlooking the flats, is being excavated.

Water always found about the Hill.

5. There can thus be no doubt whatever that from time immemorial water has flowed from Malabar and Khambala Hills at many points, and the same occurs in similar formations northwards in the Island of Bombay and in Salsette.

The excavations for the Back Bay Reclamation, having given an almost vertical exposure of the strata, may have reduced the resistance of the strata and thereby caused, though not induced, a more copious flow to this part of the Hill, on the analogy of sinking a well.

Volume never ascertained until now.

6. The volume of these water supplies has never, so far as I can discover, been ascertained ; and although the streams of water alleged to be due to leakage from the Reservoir were in existence before the Reservoir was built, they were not gauged, and the question whether or not they have increased is a matter of opinion.

The streams have now been gauged. The one in the valley on the west issuing from the well, built 25 years ago by Mr. Hirji Jehangier Readymoney, yields 56,160 gallons per day. The aggregate yield of the streams on the eastern slope between the Siri Road and the Tulsi pipe line track is 30,400 gallons per day. Details of the gaugings are appended. These gaugings will be continued.

*Leakage from the Reservoir.*

Gaugings of the Reservoir—Difficulties attending.

7. The determination of the relations between the income and outgo from the Reservoir by direct observation is rendered somewhat difficult by the following circumstances :—

(1) No meters on the inlet or outlet mains.

(2) The large horizontal area (nearly 214,000 square feet), compared with the vertical fall of the water due to any small discharge or leakage, 1 inch representing 110,000 gallons, $\frac{1}{10}$ inch 11,000 gallons.

(3) The supply to the city must be maintained with regularity. At the present season this is most important, and the least hitch produces many complaints. The direct supply from the Tulsi main does not give sufficient pressure to meet the requirements, and hence the Reservoir can only be closed for a few hours at a time. In any case Malabar and Khambala Hills can only be supplied from the Reservoir itself.

(4) The Reservoir could only be filled higher than it now is by curtailing the supply to the city, which would cause many complaints.

Results—Leakage 250,000 gallons per day.

8. Subject to these difficulties, several gaugings have been taken, and the leakage arrived at as nearly as possible, after allowing for the different known losses by supply and evaporation. As the result of the several trials, details of which are appended, I believe the leakage is 250,000 gallons per day. The leakage appears to be almost uniform from each basin, being slightly greater from the settling tank.

Taking these figures as being accurate, the leakage is about 1 per cent. per day of the total quantity in the Reservoir (24,000,000 gallons) and about 6 per cent. of the daily income from Tulsi (4,200,000 gallons per day approximately).

*History of the Reservoir.*

9. The land for the Reservoir was handed over to the Municipality on the 19th February 1877, and the works were commenced at once. The tender of Mr. Haji Kassum Joosub was accepted.

Extract from Administration Report, 1876-77.

10. The rock excavation proved to be greater than was anticipated, and the commencement of walling was delayed until the whole of the blasting was over. After that the masonry was pushed forward as quickly as possible, consistent with soundness. The floor was postponed until the question of roofing was settled.

Extract from Administration Report, 1878.

11. It was decided to add filters, settling and storage basins under one roof. "Before this had been decided upon, the flooring and pointing could not have been undertaken, as the carrying out of the new arrangement would have necessitated making holes in the floor for the roof columns, and would have rendered the pointing liable to be broken and injured during the progress of the work."

Extract from Administration Report, 1879.

12. In January 1880 the work was taken out of the hands of the Contractor, and the works were stopped. In the hot season of 1880, the supply to the city direct from the Tulsi Main was irregular, and there were many complaints. It was therefore decided (with a view to utilize the storage immediately) to divide the Reservoir by the construction of partition walls and to complete the floor and pointing of the walls. This contract was let in September 1880, and the works were completed in February 1881, having been supervised by Mr. Braham in the absence of Mr. Walton on sick-leave. The water was first admitted to the Reservoir on the 1st January 1881. The Reservoir was found to be water-tight and sound. There remained the settlement of the question of roofs.

Extract from Administration Report, 1880.

13. On the 3rd April 1882, contract for the construction of filters was let to Messrs. Burjorji Rustomji & Co., to be completed on the 18th April 1883. The total cost of filters was Rs. 1,23,229-9-3.

Extract from Administration Report, 1882.

14. The work was, however, not completed until 17th June 1884.

Extract from Administration Report, 1884.

15. Finally, the contract for roofing was let to Messrs. Littlewood, Pallonji & Co., on the 23rd December 1884, and the works were completed in June 1887. The contract amount was Rs. 3,38,218.

Extract from Administration Report, 1885, 1886 and 1887.

*Design and construction of the Reservoir.*

16. With reference to the original Reservoir, I am of opinion that the walls have a section of ample, not to say excessive, strength. So far as can be determined from the drawings and reports, the foundations of the walls appear to have been good. There is, therefore, no reason to anticipate any failure of the walls by subsidence or overturning.

Design of the walls.

17. As to water-tightness, I am not prepared to say there are no leaks; that statement can only be made after sinking down outside the walls when the Reservoir is full. I had, however, for the insertion of a 12″ pipe (for the supply to Walkeshwar and the lower part of Malabar Hill) occasion in December last to break the south wall at a point where it is 6′ 6″ thick. There could be no two opinions about that exposure; it was simply splendid. The bond between mortar and stone was good, and the walling was well done. The southern wall at the western end opposite to the filters is said to leak. It is not apparent since the construction of the ornamental bank against the wall; and the leakage may have been caused by the breaking of the wall for the insertion of the skewback to carry the arch supporting the filter.

Their water-tightness.

18. A grant of Rs. 2,500 would, I think, suffice to make sufficient trial-holes outside the wall to satisfactorily determine the question of leakage from the walls.

Trial shafts should be sunk outside the walls.

19. I am of opinion, however, that the major place of leakage is the floor, and I, therefore, enter somewhat in detail into the history and construction of it.

The floor probably leaking.

20. The floor is not founded entirely upon rock, but as previously stated, no part of this foundation whether on rock or on moorum could be relied on as water-tight.

Its foundation.

21. In the first contract, "the floor was to be excavated to a "perfectly true face, all crevices and soft stuff "to be scraped out and filled in with rubble chips "set in mortar, and the whole to be afterwards, when thoroughly "set, covered with a layer of one foot thick of concrete, as per clause "LXXIV. laid in two layers of 6″, and dropped from a height, "and to be thoroughly rammed and beaten into a solid mass.

"The concrete is to be composed of 2 parts chunam, 2 sand, "4 broken stones, and shingle in equal quantities, and shall be "mixed in the following manner:—The sea sand and chunam shall "first be mixed and ground up and thrown upon its proportionate "quantity of stone, the whole shall then be worked up by powras "until it attains a thick consistency."

First specification not carried out.

22. Before, however, the floor, with the exception of a portion of the dry stone packing, was put in, the work was taken out of the hands of the Contractors. The floor had been delayed pending the settlement of the questions of filtration and roofing of the reservoir which, it was foreseen, would necessitate the breaking of the floor to insert supporting piers for the arches or trusses of the roof. Before, however, these questions were fully settled or the execution of them taken in hand, the question of the irregular supply by the Tulsi main direct became an urgent matter, and it was determined in 1880 to use the Reservoir as soon as possible and to build a partition wall to provide for a settling basin, filters, and clear water or storage basin.

Why not carried out.

23. This contract was put in hand in August 1880, and was completed in February 1881. It comprised the construction of the said partition walls, the construction of the floor, and the pointing of the inner face of the Reservoir walls.

New contract for floor.

## APPENDICES.

Revised specification for floor.

24. The floor was to be of 18″ lime concrete. The clauses bearing on this are—

"12. The stone for rubble masonry set in hydraulic mortar below the present floor of the Reservoir may be taken by the Contractor from the dry packing which has to be taken up from the bed of the Reservoir, and also from the spoil-bank on that part of the Hill which overlooks Chowpati."

"12A. The stone for all other works shall be of blue basalt of the best quality, procurable from either Sewri or Nowroji Hill."

"18. The stone for concrete may be taken by the Contractor from the spoil-bank on that part of the Hill which overlooks Chowpati, also from heaps round the Reservoir and from the dry rubble packing to be taken up from the bed of the Reservoir with the exception of the stone already broken for concrete, and to be paid for as per statement."

"22. Lime concrete.—All lime concrete shall be mixed in the following proportions, *viz.* :—

3 parts (by measure) { hydraulic mortar. / 4 lime. / 1 pumice. / 4 sand.

2 parts shingle

2 parts broken stone (2″ ring).

"It shall be thrown into its position in layers of 3″, and each layer rammed solid.

"35. The Contractor shall take up the dry rubble packing in the bed of the Reservoir to the depth required, and bed it in specified hydraulic mortar, when ordered to do so ; the said work to be hand-laid and thoroughly solid ; where the level of the surface approaches to within 6″ of the underside of the concrete bed, the space shall be filled in with concrete as may be ordered."

"36. The Contractor shall cover the whole of the floor of the Reservoir with lime concrete 18″ deep, and of the proportion and kind directed in clause 22 of this specification. If required, the surface of the concrete shall be scored or otherwise left rough for a key to the rendering, and the whole surface shall be rendered with a coating of Portland cement and sand (mixed half and half) ¾″ thick trowelled to a smooth surface, which shall be kept moistened and retrowelled until thoroughly set, and there is no liability to crack."

"37. Provides for pointing, in Portland cement 1 to 1, the joints of walls to depth of 1″.

The rates were :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| 1 Filling in pot-holes under concrete with rubble, set in * mortar ..... | 100 c. ft. | 11 | 0 | 0 |
| 2 Concrete in floor of Reservoir in hydraulic mortar..... | 100 „ | †18 | 0 | 0 |
| 3 Pointing rubble in cement..... | 100 s. ft. | 9 | 0 | 0 |

* Hydraulic erased.—J. H. Grant.

† Afterwards allowed Rs. 21 by the Municipal Commissioner.

Tender, dated 19th April 1880 : contract signed on 25th August 1880 : total tender Rs. 84,365-8-0.

Design of Executive Engineer modified at request of Consulting Engineer—Correspondence.

25. With reference to the item for $\frac{3}{4}$" cement rendering over the concrete, specified in clause 36 but omitted from the quantities, it must be noted that this work was omitted on the recommendation of the late Consulting Engineer, Mr. Forde. The correspondence, bearing on this point, commences with letter No. 3620 of 1880 from the Municipal Commissioner, Mr. J. H. Grant, to the Town Council, recommending that, before accepting any tender for construction of filters, it would be advisable to complete the flooring, &c., as originally designed in order to test the efficiency of the Reservoir. The Town Council resolved to do this (13th April 1880), subject to such modification as the Consulting Engineer might suggest. This resolution was communicated to the Executive Engineer under Municipal Commissioner's No. 3712 of the 14th of April 1880 ; on the 19th the Executive Engineer forwarded amended specification, as requested, to the Commissioner and says : "I have thought it advisable "too that the packing of the floor of the Reservoir to a depth of one "foot should be taken up and bedded in mortar, and that the surface "of the concrete floor should be rendered with a coat of cement and "sand ($\frac{1}{2}$ and $\frac{1}{2}$), $\frac{3}{4}$ inch thick. I consider that on such a floor the "divisional walls and the piers for covering arches if decided upon, in "the future, might safely be constructed without disturbing the surface "of the floor. I think that these points should be submitted to the "Consulting Engineer for consideration, but in the meanwhile, as time "presses, there can be no harm in getting rates from the Contractors."

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To J. H. GRANT, Esq.,
Municipal Commissioner.

SIR,—I have carefully read over the documents accompanying your memorandum No. 3886 of 1880, and I should hope to have from Mr. Walton an estimate of the proposed work, as it seems to me that the new specification will more than double the cost of the work. I think Mr. Walton should give his reasons for such a change and also explain why he thinks it necessary to take up the entire paving which has had a monsoon to settle it and should form a really good foundation for the concrete.—I have, &c.,

(Sd.) ARTHUR W. FORDE,
Consulting Engineer.

*20th April* 1880.

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No. 4073 of 23rd April 1880.

Forwarded to the Executive Engineer on Special Duty for favour of early compliance.

(Sd.) J. H. GRANT,
Municipal Commissioner.

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No. 1288 of 26th April 1880.

To THE MUNICIPAL COMMISSIONER.

SIR,—In reply to your No. 4073 of 1880, I have the honour to state that in para. 3 of my No. 1195 of 1880, I have already stated my

reasons for deviating from the original specification for the floor. I there pointed out that if the divisional walls and the piers for the roof are added to the Reservoir, the floor as originally specified would not in my opinion be satisfactory to found upon, and that it would therefore be necessary to out into the concrete and bed the loose rubble in mortar before it would be so. It would cost less to bed the 1 foot of rubble in mortar in the first instance than to have to cut the concrete and bed the rubble for the foundations of the divisional walls and piers.

I think it is better to render the floor with ¾" of cement (½ of sand, ½ of cement) as it will effectually prevent all possibility of leaks. If the concrete floor has to be broken up for the foundations alluded to, it is sure to crack and make leaks, whereas, if rubble is laid as I propose, it will be unnecessary to open the floor, and the piers, &c., can be built upon it.—I have, &c.,

(Sd.) RIENZI WALTON,
Executive Engineer on Special Duty.

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No. 4255 of 27th April 1880.

Forwarded to the Consulting Engineer for favour of report.

(Sd.) J. H. GRANT,
Municipal Commissioner.

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To T. S. WEIR, Esq.,
Acting Municipal Commissioner.

SIR,—In reply to your memorandum No. 4255 of 1880, I beg to state that I do not consider the reasons given by Mr. Walton sufficient to warrant the large addition to the estimate consequent on the altered specification.

In the first place he proposes to take up one foot in depth of the dry rubble packing on the floor of the Reservoir and bed it in hydraulic mortar, and where the packing is less than one foot in depth the whole of it shall be bedded in mortar. You will find, if you examine the bed of the Reservoir, that some portion of the area is bare rock and the remainder is covered with dry rubble largely mixed in places with what is called quarry rubbish, and in other places with red earth or moorum. To bed these in hydraulic mortar would require the removal of the quarry rubbish and moorum and the substitution of more rubble stone. I notice that the quantity given in the schedule is 213,000 cubic feet or the entire area by one foot deep.

I consider therefore that the description of dry rubble packing is scarcely correct and would be likely to mislead tenderers, and that the quantity is also incorrect.

Taking all into consideration, I would prefer leaving the flooring untouched, as it has had one, if not two, monsoons over it, and putting the concrete on it, say 15 inches in depth. As the floor seems to be very irregular, it would be advisable to take levels carefully over the entire surface before the work is commenced and after it is finished.

As regards the cement plaster, it seems to me unnecessary if the concrete is carefully laid, as the concrete is intended to be hydraulic, and as the expense is very considerable, say Rs. 30,000. There is one tender much below this, but the rate given would not cover the cost of cement alone. Evidently this is a clerical error, as the same party charges more for cement pointing than cement plastering. I do not

consider that the alterations proposed by Mr. Walton would be any saving afterwards, should the roofing be done.

I would suggest that one division wall be built, so as to divide the Reservoir into two parts, as this would be an advantage in a settling Reservoir, which this will be, and half could be used while the other half was being cleaned.

I notice that Messrs. John Campbell & Co. have in their last estimate raised their price for pointing the walls from Rs. 5 to Rs. 8 per brass.—I have, &c.,

(Sd.) A. W. FORDE,
Consulting Engineer.

*P.S.*—I have kept no copies of the documents now returned, as they are too voluminous, and the tenders I should not like to put in the hands of clerks.

(Sd.) A. W. FORDE.

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No. 4638 of 6th May 1880.

Forwarded to the Executive Engineer on Special Duty for favour of remarks.

(Sd.) T. S. WEIR,
Acting Municipal Commissioner.

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No. 1563 of 14th May 1880.

To the MUNICIPAL COMMISSIONER.

Sir,—In reply to your No. 4638 of 1880, forwarding a report from the Consulting Engineer on the flooring of the Malabar Hill Reservoir, I have very little to add beyond what I have already said.

The Consulting Engineer takes objection to my proposal to bed the dry rubble under the concrete of the floor in mortar and also to my proposal to plaster the surface of the concrete with cement plaster.

I should first point out that the original specification, namely, 1 foot of concrete on dry rubble was intended for the floor of an open Reservoir only, upon which nothing was to be built, and that as it is now intended to build a roof over it, supported on masonry piers, and to divide the reservoir by massive masonry walls, I have no hesitation in stating that under the altered circumstances the original specification cannot with safety be carried out, and I add that it would be incurring a great risk to build these piers and walls upon a foot of concrete which is laid upon dry rubble only.

If it is the intention of the Town Council to abandon the proposal to roof the Reservoir and to build the divisional walls, then I am of opinion that the work as originally designed can with safety be carried out, but if, on the other hand, the roof, piers, divisional walls, filter beds, &c., are to be constructed, the proper plan will be to set the dry rubble in mortar before laying the concrete upon it.

If it be contended that when the piers, walls, &c., are to be built, it will be then time to dig up the concrete and to set that portion only of the dry rubble in mortar which will form the actual foundation of such walls, &c., then I assert that it will not only be very difficult to get tight joints around the edges of such walls, &c., but that the concrete over the rest of the floor will be cracked and destroyed by the passage of workpeople and heavy materials over it, and the whole of it will have to be relaid before a water-tight floor will be obtained.

It appears to me that the first point to decide is, whether the Reservoir is to be re-arranged for filter-beds, roof, &c., as lately approved by the Town Council, or whether it is to be completed as originally designed. If the former alternative is adopted, it will be necessary to bed the dry rubble in mortar as I have suggested. If the latter, then it will be unnecessary.

I must point out, however, that if the original specification is carried out as regards the floor and, when it is completed, the re-arrangement is adopted, then in my opinion it will be necessary to relay the whole of the concrete in addition to bedding the dry rubble in foundations of piers, walls, &c., in mortar—an arrangement which will entail a very unnecessary extra expenditure.

As regards the use of Portland cement plaster on the surface of the concrete, I adopted it as I was under the impression that the Consulting Engineer had recommended it both for this Reservoir and for the Bhundarwada Reservoir also. Of course if he considers such plaster unnecessary, I am willing to yield to him; but I still hold the opinion that it ought to be adopted.—I have, &c.,

(Sd.) RIENZI WALTON,
Executive Engineer on Special Duty.

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Then followed, on the 21st May, a consultation at the Reservoir, at which there were present: Dr. Weir (Acting Municipal Commissioner), Mr. Forde (Consulting Engineer), Mr. Walton (Executive Engineer on Special Duty). The results are embodied in the following memorandum, sent by the Executive Engineer to the Municipal Commissioner (No. 1684, dated 25th May 1880):—

TO THE MUNICIPAL COMMISSIONER.

SIR,—In reply to your No. 5258 of 1880, I have the honour to report that the result of consultation held on the 21st instant, with the Consulting Engineer, at which you were present, regarding the flooring of the Malabar Hill Reservoir, was as follows:—

I.—The dry rubble packing to be broken into metal and used in the concrete.

II.—The depressions in the floor below the level of the concrete to be filled up with rubble set in mortar.

III.—All loose moorum to be removed.

IV.—A layer of hydraulic concrete to be laid over the whole floor, in layers of 3 inches.

V.—The pointing of the walls to be continued all round.

VI.—Cement plaster on the surface of the concrete not to be used unless it be afterwards found necessary, the Consulting Engineer being of opinion that hydraulic concrete would be perfectly water-tight without the addition of cement plaster.

VII.—The ironwork to be erected as soon as floor is ready.

Before submitting the estimate, it will be necessary to measure up the depressions in the floor (pot-holes) in order to estimate the quantity of rubble masonry required for the work. This will be done at once and the estimate submitted to you in time for the meeting of the Town Council on Tuesday next.—I have, &c.,

(Sd.) RIENZI WALTON,
Executive Engineer on Special Duty.

And in the following memorandum (No. 1845 of 8th June 1880):—

To THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to forward a tabulated statement based upon the rates submitted with each tender for the completion of the Malabar Hill Reservoir in accordance with the suggestions of Mr. Forde, the Consulting Engineer.

As you were present on the occasion of Mr. Forde's visit to the Reservoir, you will doubtless remember the points he decided should be put into execution as soon as possible. They were as follows :—

I.—To fill in all irregularities of surface with rubble set in ordinary mortar.

II.—To cover the whole floor with 18" of hydraulic concrete.

III.—To point the walls with cement pointing.

IV.—To erect the outlet and inlet ironwork and complete the outlet main.

The accompanying statement has been made out in accordance with these suggestions.

I would recommend that the matter be submitted to the Consulting Engineer for his opinion.

The drawings are herewith forwarded.—I have, &c.,

(Sd.) RIENZI WALTON,
Executive Engineer on Special Duty.

The tender of Messrs. Burjorji Rustomji & Co. was accepted on the 29th January 1880, but as stated above, some modifications were made before the work was begun. Under No. 2218, dated 13th July 1880, the Executive Engineer writes :—

To THE MUNICIPAL COMMISSIONER.

SIR,—In reply to your No. 7098 of 1880, forwarding the accepted tender from Mr. Burjorji Rustomji Maistry, with instructions to commence the works at once, I have the honour to report that I have carefully perused the conditions of contract and specification, and now forward them for the final approval of the Consulting Engineer and Solicitor. When this has been received it will be necessary to have the same formally signed, together with the plans, &c., by the Contractor before the order to commence the work can be given.

I have to request the favour of your attention to clause 11A, which provides for the purchase by the Contractor from us of the materials taken over from the late Contractor, and to ask your decision as to the way in which the same should be paid for. The amount is over Rs. 5,000 and should not, I think, be deducted in one sum from any particular certificate.

I wish to draw the attention of the Consulting Engineer to (I) the proportions of the lime concrete, (II) the mode of laying the packing under the concrete in hydraulic mortar, and (III) to the fact that it is specified to supply the Contractor with Malabar Hill stone for the packing and metal in concrete with the exception of metal—716 brass—taken over from the late Contractor which the present Contractor has to pay for ; and to request the favour of his approval before the papers are sent to the Solicitors.

The clauses which refer to the points alluded to are as follows :—

| | CLAUSE. |
|---|---|
| I.—Contractor to take over certain materials from the Municipality | 11A |
| II.—Proportions of lime concrete | 22 |
| III.—Rubble packing in hydraulic mortar | 24A |
| IV.—Supply of stone to the Contractor | 12 & 18 |

I have, &c.,

(Sd). RIENZI WALTON,
Executive Engineer on Special Duty.

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The Consulting Engineer replies as follows :—

To J. H. GRANT, Esq.,
Municipal Commissioner.

SIR,—I have perused the papers attached to memorandum No. 7519 of 1880, with reference to the flooring of the Malabar Hill Reservoir.

The first item referred to me is the proportions of materials in the lime concrete. On looking over clause 22 of the specification, I find that the word "two" has been erased in two places and nothing substituted. My letter of 6th April, in reply to your memorandum No. 3294 of 1880, is, I think, a sufficient answer to this, and the specification might remain as it was when submitted to intending Contractors and any increase or decrease in cost, consequent on any alterations in proportions decided under clause V. of the contract.

As regards the rubble packing or masonry under concrete, much would depend on circumstances. If the surface should prove uneven, I would prefer filling in with concrete to rubble masonry, as it would form a much more compact mass. In some places it may be found that only an inch or two is required to raise the floor to the level of the bottom of the concrete, and it would not be practicable to do this in rubble masonry. When the bottom of the Reservoir is cleared, this question might be decided on the spot.

I see no objection to using Malabar Hill stone in the packing or concrete, provided those stones which have formed the top of the rock or the outside of boulders and are to some extent discoloured from decomposition, are rejected.

The greater part of the contract and specification has, I believe, been previously approved of. I need, therefore, only notice the alteration necessitated by the change in the work to be done. Clause 1 of the specification states that the contract comprises the flooring of the whole with 18 inches of concrete on a bed of rubble masonry. As I understand that only the holes or soft places are to be filled with rubble masonry, the latter part of the above quotation, *viz.*, "on a bed of rubble masonry," might be omitted. Para. 35 requires revision as it describes rubble masonry over the whole Reservoir bed, and para. 39 states that the floor is to be covered with Portland cement plaster, which, I also understood, was to be omitted. The quantities of both these items are, I find, entered in the bill of quantities.—I have, &c.,

(Sd.) A. W. FORDE,
Consulting Engineer.

To this the Executive Engineer replies :—

No. 2458 of 9th August 1880.

TO THE MUNICIPAL COMMISSIONER.

SIR,—With reference to your No. 8466 of 1880, I have the honour to report that the modifications in the conditions of contract for the flooring of the Malabar Hill Reservoir have been made in accordance with the suggestions of the Consulting Engineer, and the fair copy will be submitted to you as soon as it is ready.

In para. 2 of Mr. Forde's report which accompanies your letter under reply, he recommends that the proportions of concrete should remain as originally printed in the conditions of contract. This I have adhered to. The red line drawn through the words "two" ought to have been eliminated by the clerk when taking out the word "four" which was written in red ink above them.

With respect to the subject in para. 3, I always understood that it was the intention of the contract to fill in with rubble masonry those parts only of the floor which were below the level of the bed of the concrete. All the high portions of the rock to be covered with concrete up to the proposed floor level. This is in accord with what Mr. Forde now writes.

As no yellow faced stone will be allowed either in the rubble work or in the concrete, the suggestions in para. 4 will therefore be adopted.

The modifications in para. 5 have been inserted with the exception of the omission from the quantities and bill of quantities of the provision for cement plaster over the floor.

This item I have retained with your verbal approval on the understanding that when the concrete floor is completed, if the cement plaster is found to be unnecessary, it is to be abandoned.—I have, &c.,

(Sd.) RIENZI WALTON,
Executive Engineer on Special Duty.

Finally it appears some verbal directions were given between the date of the above letter (9th August 1880) and 23rd August 1880; for, writing on the latter date, the Executive Engineer forwards final revised specification, &c., and says "the item for cement rendering over concrete in floor, I have omitted from the quantities in deference to the Consulting Engineer's opinion, who does not appear to consider the same necessary over 18″ of cement* concrete. If it is found to be necessary, it can easily be added after the general work is finished."

Floor was subsequently broken in many places for piers and pillars.

26. It will thus be seen that after all the floor was put in before the piers and pillars for the roof were fixed. The floor, as will be seen subsequently, was broken during the progress of the filters and roofing works, and it has neither been strengthened with additional concrete nor cement rendering.

Construction of filters—Specification.

27. The next step was the construction of filters let to Messrs. Burjorji Rustomji & Co., for Rs. 1,37,776, on the 18th April 1882, to be completed 18th April 1883, but not actually completed until 17th of June 1884.

The excavation for foundations of walls under filter-beds (to support the arches) to be carried down to solid rock, or to such other

* ? Hydraulic.—S. T.

depth as the Engineeer may direct. The rates for excavation shall include filling in and ramming around foundations ; making good the dry rubble packing and concrete of floor, and removing the surplus material to the spoil bank towards Chowpati. The trenches shall be filled in with rubble masonry.

Construction of roof—specification.

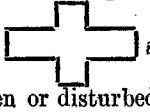
28. The next step was the construction of roofs let to Messrs. Littlewood & Pallonji on the 23rd December 1884, for Rs. 3,38,218-1-6. Completed 14th June 1887.

The roofs are :—

(*a*) Brick vaulted roof over storage or clear water basin. This is on the east side of the Reservoir.

(*b*) Cast-iron pillars and timber and tiled roof over settling tank and inlet and outlet wells. These are the northern and north-western portions of the Reservoir.

(*c*) Timber and tiled roofing on filters.

The brick piers in storage basin, 136 in number, and of this  section rest on the concrete floor which was not broken or disturbed in the work.

Clause 106.

The cast-iron pillars, 269 in number, in the settling basin, are of cast-iron "securely fixed to cut stone blocks 2′ × 2′ × 1′ 6″ (fair-dressed on top and rough-dressed on bottom and all the faces) by means of holding down bolts $1\frac{1}{8}$″ in diameter. It is to be understood that if the concrete bed of the Reservoir be injured in any way while excavating it for the purpose of fixing the stone blocks, or for any other purpose, it shall be made good by the Contractors at their own cost, and to the satisfaction of the Engineer, with cement concrete."

Only specification as to floor quoted.

29. I have quoted those portions of the specifications only which bear on the floor, as originally constructed, and as it may have been affected by subsequent works.

*Remedial measures.*

Condition of walls should be determined.

30. The actual condition of the walls should be determined, as herein suggested before any proposals are adopted with a view to stop leakage from them, which we can, at the most, only say *may* exist.

Floors probably leaking.

31. The floors from their original construction and subsequent treatment are much more likely to be passing water to waste.

Any remedy likely to be effective will be costly.

32. No measure likely to be effective as a permanency can be carried out except at considerable cost.

Safety of works not endangered by leaks.

33. I am of opinion that, for the present at least, the question may be regarded as an economical one, having regard to the value of water in Bombay during the next few years. In other words, I do not at present believe that the leakage is endangering the safety of the works : nor do I believe that the leaks will either quickly or materially increase. The Reservoir has for some time been practically full, and the various portions of the works are under the maximum working pressures.

Quantity and value of water lost by leakage.

34. The leakage of 250,000 gallons per day is worth, at 4 annas per 1,000 gallons, Rs. 62-8-0 per day, or Rs. 22,812-8-0 per annum.

Effect on city supply if all leakage stopped.

35. The total leakage of 250,000 gallons would, if all stopped, increase the supply to the Tulsi District by 30 minutes per day, at present rates of consumption.

Trial shafts outside walls should be sunk at cost of Rs. 2,500.

36. I think it very desirable that the trial shafts outside the wall should be made so that it may be placed beyond the best opinion or surmise whether the walls leak or not. For this purpose a grant of Rs. 2,500 should be made; to be increased if the results should render it necessary to open up the whole face of the wall, or to sink below it.

Floor requires to be strengthened with 9" cement concrete.

37. The original construction of the floor only 18" in thickness, combined with the varying character of the ground on which the floor rests, and bearing in mind the breakages through the concrete which have been made to carry the wall for the filters and the roof pillars and piers, all point to the necessity of the floor being strengthened. To combine the requirements of water-tightness, strength and durability, I think 9 inches of (5 to 1) Portland cement concrete should be placed over the whole of the floor which has an area of 213,744 square feet.

Cost of concrete.

38. The cost of this I estimate at Rs. 1,25,000. The work would take 12 months to execute, only one basin being available at a time. The annual charge on Rs. 1,25,000, at 6 per cent. per annum for interest and sinking fund, is Rs. 7,500, against Rs. 22,812-8, the value of the water which *may* be saved, but I do not guarantee that the *whole* of the water will be saved by this expenditure.

Question of further extension of filters should be determined before floor is strengthened.

39. If it be decided to undertake this work, the question of converting a portion of the settling basin into filters, as suggested in this office No. 541 of the 4th May 1888, should be disposed of, so that the works could be carried out together if decided affirmatively.

Small leakage from outlet culvert may be watched for the present.

40. I do not recommend that anything should be done at present with a small leakage from the outlet culvert, which is taking place through the brickwork of which it is built.

Sequence of works for concrete flooring.

41. If it be determined to strengthen the floor, it would be very desirable to do the portion under the filters first and in the monsoon; because, to do this portion, both the filters and storage (clear water) basin on the east side must be empty: and the only reserve will be the settling basin. During the monsoon the supply to the city could be better managed under the diminished reserve than in the fair season, and the water is not so much in need of filtration during the monsoon. This part of the work, with an area of 49,369 square feet, would require about three months to complete. This basin would be followed by the storage basin, with an area of 71,782 square feet requiring about four months to complete; and, lastly, the settling basin with an area of 92,592 square feet, which would require about five months. In these periods I have allowed, so far as I can foresee, for the time which would be lost in gradually emptying and filling the respective basins before and after the work.—I have, &c.,

S. TOMLINSON, Assoc. M. Inst. C. E.,
Deputy Executive Engineer, in charge Water Works.

APPENDICES.

## Table No. 1.

SHOWING Discharges over the 6″ notches fixed on the streams flowing from Malabar Hill.

| Date. | Hour. | No. 1, Chowpati side. | | No. 2, Chowpati side. | | No. 3, Nepean Sea-road side. | | Total per 24 hours. |
|---|---|---|---|---|---|---|---|---|
| | | Depth. | Gallons per 24 hours. | Depth. | Gallons per 24 hours. | Depth. | Gallons per 24 hours. | |
| 1888. | | Ft. | | Ft. | | Ft. | | Gallons. |
| May 15 | 9-20 a.m. | ·11 | 35·280 | ·04 | 7·200 | ... | Gauge fixed 17th May 1888. | ..... |
| „ „ | 12-3 noon | ·10 | 30·240 | ·03 | 4·470 | ... | | ..... |
| „ „ | 3-0 p.m. | ·11 | 35·280 | ·03 | 4·470 | ... | ..... | ..... |
| „ 16 | 6-0 a.m. | ·12 | 39·600 | ·03 | 4·470 | ... | ..... | ..... |
| „ „ | 12-0 noon | ·11 | 35·280 | ·03 | 4·470 | ... | ..... | ..... |
| „ „ | 4-0 p.m. | ·11 | 35·280 | ·04 | 7·200 | ... | ..... | ..... |
| „ 17 | 6-0 a.m. | ·12 | 39·600 | ·03 | 4·470 | ... | ..... | ..... |
| „ „ | 12-0 noon | ·11 | 35·280 | ·03 | 4·470 | ... | ..... | ..... |
| „ „ | 4-0 p.m. | ·11 | 35·280 | ·03 | 4·470 | ... | ..... | ..... |
| „ 18 | 6-0 a.m. | ·10 | 30·240 | ·03 | 4·470 | ·15 | 56·160 | 90·870 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·10 | 30·240 | ·03 | 4·470 | ·15 | 56·160 | 90·870 |
| „ 19 | 6-0 a.m. | ·10 | 30·240 | ·03 | 4·470 | ·15 | 56·160 | 90·870 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 20 | 6-0 a.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 12-0 noon | ·08 | 21·600 | ·03 | 4·470 | ·15 | 56·160 | 82·230 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 21 | 6-0 a.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 1-0 p.m. | ·08 | 21·600 | ·03 | 4·470 | ·15 | 56·160 | 82·230 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 22 | 6-0 a.m. | ·08 | 21·600 | ·03 | 4·470 | ·15 | 56·160 | 82·230 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 23 | 6-0 a.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 24 | 6-0 a.m. | ·10 | 30·240 | ·03 | 4·470 | ·15 | 56·160 | 90·870 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ 25 | 6-0 a.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 12-0 noon | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |
| „ „ | 4-0 p.m. | ·09 | 25·920 | ·03 | 4·470 | ·15 | 56·160 | 86·550 |

## Table No. 2.

*Giving the Superficial Area of the Malabar Hill Reservoir.*

| | Area Superficial feet. | Contents in gallons per 1" in depth. |
|---|---|---|
| Inlet Well ... ... | 4,635 | 48,225 |
| Settling Basin ... ... | 87,957 | |
| Filter Channel ... ... | 950 | 495 |
| „ No. 1 (at south end)... | 9,624 | 5,012 |
| „ „ 2 „ ... | 13,753 | 7,163 |
| „ „ 3 „ ... | 12,992 | 6,766 |
| „ „ 4 (at north end) | 12,050 | 6,276 |
| Storage Basin ... ... | 70,479 | 37,387 |
| Outlet Well ... ... | 1,304 | |
| Total ... | 213,744 | 111,324 |

The depth of the Settling Basin is 20′ 3″. The Storage Basin cannot, practically, be filled to above 18′ 3″. Head must be allowed for the filtration.

Since the roofing operations began in 1885, the Reservoir was never filled to these levels until the 23rd April this year (1888).

## Table No. 3.

*1st Trial—Town supplied from Tulsi Main direct.*

STATEMENT of Height of Water in the Malabar Hill Reservoir on the 30th April 1888.

| HOUR. | Settling Basin. | | Inlet Well. | | No. 2 Filter. | | No. 3 Filter. | | No. 4 Filter. | | Storage or Distribuiting Basin. | | PRESSURE. | | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Chowpati. | Engine House. | |
| | Ft. | In. | Ft. | In. | Ft. | In. | Ft. | In. | Ft. | In. | Ft. | In. | | | |
| 4-0 A.M. | 19 | 2 | 19 | 2 | 1 | 8 | 1 | 8 | 1 | 8 | 16 | 4 | ... | ... | |
| 5-0 „ | 18 | 11 | 18 | 11 | 1 | 7 | 1 | 7 | 1 | 7 | 16 | 6 | 8 | ... | |
| 6-0 „ | 18 | 11 | 18 | 11 | 1 | 6 | 1 | 6 | 1 | 6 | 16 | 7 | 9 | ... | |
| 7-0 „ | 18 | 10 | 18 | 10 | 1 | 6 | 1 | 5 | 1 | 5 | 16 | 8 | 6 | ... | Malabar Hill high section supplied from 5 to 7 A.M. (by gravitation.) |
| 8-0 „ | 18 | 9 | 18 | 9 | 1 | 5 | 1 | 4 | 1 | 3 | 16 | 8 | 7 | 10 | |
| 9-0 „ | 18 | 8 | 18 | 8 | 1 | 4 | 1 | 3 | 1 | 2 | 16 | 9 | 10 | 10 | Malabar Hill low section supplied from 5 to 10 A.M. |
| 10-0 „ | 18 | 7 | 18 | 7 | 1 | 3 | 1 | 2 | 1 | 0 | 16 | 10 | 14 | 15 | Do. high section do. 7 to 11 A.M. |
| 11-0 „ | 18 | 6 | 18 | 6 | 1 | 2 | 1 | 1 | 0 | 10 | 16 | 10 | 14 | 25 | |
| 12-0 NOON | 18 | 6 | 18 | 6 | 1 | 1 | 1 | 0 | 0 | 8 | 16 | 11 | 14 | ... | |
| 1-0 P.M. | 18 | 6 | 18 | 6 | 1 | 0 | 0 | 11 | 0 | 6 | 17 | 0 | 35 | ... | Malabar Hill high section also supplied from 10 A.M. to 1 P.M. (by gravitation.) |
| 2-0 „ | 18 | 5 | 18 | 5 | 0 | 11 | 0 | 9 | 0 | 5 | 17 | 0 | 20 | 15 | |
| 3-0 „ | 18 | 4 | 18 | 4 | 0 | 10 | 0 | 8 | 0 | 4 | 17 | 0 | 13 | 14 | Malabar Hill high section supplied from 1 to 4-30 P.M. |
| 4-0 „ | 18 | 3 | 18 | 3 | 0 | 9 | 0 | 7 | 0 | 3 | 17 | 1 | 10 | 20 | |
| 5-0 „ | 18 | 3 | 18 | 3 | 0 | 7 | 0 | 6 | 0 | 2 | 17 | 1 | 9 | 24 | |
| 6-0 „ | 18 | 3 | 18 | 3 | 0 | 7 | 0 | 5 | 0 | 1 | 17 | 1 | 9 | ... | |
| 7-0 „ | 18 | 3 | 18 | 3 | 0 | 6 | 0 | 4 | 0 | 1 | 17 | 1 | 9 | ... | [Main (direct.) |
| 8-0 „ | 18 | 2 | 18 | 2 | 0 | 5 | 0 | 3 | 0 | 1 | 17 | 1 | 30 | ... | Town supplied from 4 A.M. to 9 P.M. from Tulsi |
| 12-0 MIDNIGHT | ..... | | ..... | | ..... | | ..... | | ..... | | ..... | | ... | ... | Malabar Hill low section supplied from 4 to 7 P.M. |
| 4-0 A.M. | ..... | | ..... | | ..... | | ..... | | ..... | | ..... | | ... | ... | |

## Table No. 3—*continued.*

STATEMENT of Height of Water in the Malabar Hill Reservoir on the 8th May 1888.

| HOUR. | Settling Basin above the sill of the triple Penstock. | No. 1 Filter. | No. 2 Filter. | No. 3 Filter. | No. 4 Filter. | Storage or Distributing Basin. | REMARKS. |
|---|---|---|---|---|---|---|---|
| | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | |
| 4-0 P. M. | ..... | ..... | ..... | ..... | ..... | ..... | |
| 5-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 6-0 „ | 2 7½ | 0 1½ | 0 4 | 0 2 | 0 2 | 17 1 | |
| 7-0 „ | 2 7½ | 0 1½ | 0 4 | 0 2 | 0 2 | 17 1 | |
| 8-0 „ | 2 7 | 0 1½ | 0 4 | 0 2 | 0 2 | 17 0¾ | |
| 9-0 „ | 2 7 | 0 1½ | 0 3¾ | 0 2 | 0 2 | 17 0¾ | Please note that no water was taken into or supplied from the Reservoir from 6 P.M. to 6 A.M. |
| 10-0 „ | 2 6¾ | 0 1¼ | 0 3¾ | 0 2 | 0 2 | 17 0½ | |
| 11-0 „ | 2 6¾ | 0 1 | 0 3½ | 0 1¾ | 0 2 | 17 0½ | |
| 12-0 MIDNIGHT | 2 6¾ | 0 1 | 0 3½ | 0 1¾ | 0 2 | 17 0½ | |
| 1-0 A. M., 9th May | 2 6½ | 0 0¾ | 0 3½ | 0 1¾ | 0 2 | 17 0½ | |
| 2-0 „ | 2 6½ | 0 0¾ | 0 3¼ | 0 1¾ | 0 2 | 17 0½ | |
| 3-0 „ | 2 6¼ | 0 0¾ | 0 3 | 0 1½ | 0 2 | 17 0 | |
| 4-0 „ | 2 6¼ | 0 0½ | 0 3 | 0 1½ | 0 2 | 17 0 | |
| 5-0 „ | 2 6 | 0 0½ | 0 2¾ | 0 1½ | 0 2 | 16 11¾ | |
| 6-0 „ | 2 6 | 0 0½ | 0 2¾ | 0 1½ | 0 2 | 16 11¾ | |
| 7-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 8-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 12-0 MIDNIGHT | ..... | ..... | ..... | ..... | ..... | ..... | |
| 4-0 A.M. | ..... | ..... | ..... | ..... | ..... | ..... | |

**Table No. 3**--*continued.*

STATEMENT of Height of Water in the Malabar Hill Reservoir on the 14th May 1888.

| HOUR. | Settling Basin. | Storage or Distributing Basin. | Filter No. 1. | Filter No. 2. | Filter No. 3. | Filter No. 4. | REMARKS. |
|---|---|---|---|---|---|---|---|
| | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | |
| 4-0 A.M. | ..... | ..... | ..... | ..... | ..... | ..... | |
| 5-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 6-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 7-0 P.M. | 19 1 | 14 9 | 1 7 | 0 2 | 2 1 | 1 5½ | Water taken in as usual from Tulsi Main. |
| 8-0 „ | 19 0¾ | 15 1 | 1 7 | 0 5 | 2 1 | 1 5½ | |
| 9-0 „ | 19 0½ | 15 7 | 1 7 | 0 10 | 2 1 | 1 5 | |
| 10-0 „ | 19 0 | 16 0 | 1 8 | 1 4 | 2 1 | 1 5 | |
| 11-0 „ | 19 0 | 16 3 | 1 9 | 1 8 | 2 1 | 1 5¾ | |
| 12-0 MIDNIGHT | 19 0 | 16 6 | 1 10 | 1 11 | 2 1 | 1 7 | |
| 1-0 A.M. | 19 0 | 16 8 | 1 11 | 2 0 | 2 1½ | 1 8½ | |
| 2-0 „ | 19 0½ | 16 10 | 2 1 | 2 2 | 2 2½ | 1 11 | |
| 3-0 „ | 19 1 | 17 1 | 2 2 | 2 4 | 2 3¾ | 2 0 | |
| 4-0 „ | 19 2 | 17 3½ | 2 3 | 2 5 | 2 4½ | 2 0½ | |
| 5-0 „ | 19 2½ | 17 5 | 2 3½ | 2 5½ | 2 6 | 2 1 | |
| 6-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 7-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 8-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 12-0 MIDNIGHT | ..... | ..... | ..... | ..... | ..... | ..... | |
| 4-0 A.M. | ..... | ..... | ..... | ..... | ..... | ..... | |

**Table No. 3**—*continued.*

STATEMENT of Height of Water in the Malabar Hill Reservoir on the 15th May 1888.

| HOUR. | Settling Basin. | Storage or Distributing Basin. | No. 1 Filter. | No. 2 Filter. | No. 3 Filter. | No. 4 Filter. | REMARKS. |
|---|---|---|---|---|---|---|---|
| | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | |
| 4-0 A.M. | ..... | ..... | ..... | ..... | ..... | ..... | |
| 5-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 6-0 P.M. | 18 0 | 18 0 | 1 1½ | 0 9 | 1 7 | 1 3⅜ | |
| 7-0 „ | 17 11 | 18 0 | 1 1½ | 0 9¾ | 1 7 | 1 3⅜ | |
| 8-0 „ | 17 10 | 18 0 | 1 1 | 0 10 | 1 7 | 1 3¾ | Please note that water was neither given from nor taken into the Reservoir from 6 P.M. to 6 A.M. |
| 9-0 „ | 17 10 | 18 0 | 1 1 | 0 11 | 1 7 | 1 3½ | |
| 10-0 „ | 17 9¾ | 18 0 | 1 1 | 1 0 | 1 7 | 1 3 | |
| 11-0 „ | 17 9⅜ | 18 0 | 1 0½ | 1 0½ | 1 6¾ | 1 2⅞ | |
| 12-0 MIDNIGHT | 17 9⅜ | 18 0 | 1 0 | 1 0½ | 1 6½ | 1 2½ | All sluices between different Basins were left open. |
| 1-0 A.M. | 17 9⅜ | 17 11¾ | 1 0 | 1 1 | 1 6 | 1 2½ | |
| 2-0 „ | 17 9⅜ | 17 11¾ | 1 0 | 1 1 | 1 6 | 1 2⅜ | |
| 3-0 „ | 17 9⅜ | 17 11½ | 1 0 | 1 1½ | 1 5¾ | 1 2 | |
| 4-0 „ | 17 9⅜ | 17 11½ | 1 0 | 1 1½ | 1 5½ | 1 1⅞ | |
| 5-0 „ | 17 9⅜ | 17 11½ | 1 0 | 1 1½ | 1 5½ | 1 1½ | |
| 6-0 „ | 17 9⅜ | 17 11½ | 1 0 | 1 1½ | 1 5⅜ | 1 1 | |
| 7-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 8-0 „ | ..... | ..... | ..... | ..... | ..... | ..... | |
| 12-0 MIDNIGHT | ..... | ..... | ..... | ..... | ..... | ..... | |
| 4-0 A.M. | ..... | ..... | ..... | ..... | ..... | ..... | |

**Table No. 3**—*continued.*

*Gauging*—4 A.M. *to* 8 P.M., *30th April* 1888.

| | Depth at 4 a.m. ft. | in. | Depth at 8 p.m. ft. | in. | Loss or gain. ft. | in. | Galls. |
|---|---|---|---|---|---|---|---|
| Inlet Well | 19 | 2 | 18 | 2 | | | |
| Settling Basin | 19 | 2 | 18 | 2 | 1 | 0 | 578,700 |
| Filter Channel | 19 | 2 | 18 | 2 | 1 | 0 | 5,940 |
| „ No. 1* | | | | | +0 | 9 | +45,108 |
| „ „ 2 | 1 | 8 | 0 | 5 | 1 | 3 | 107,445 |
| „ „ 3 | 1 | 8 | 0 | 3 | 1 | 5 | 115,022 |
| „ „ 4 | 1 | 8 | 0 | 1 | 1 | 7 | 119,244 |
| Storage Basin | 16 | 4 | 17 | 1 | +0 | 9 | 336,483 |
| Outlet Well | 16 | 4 | 17 | 1 | +0 | 9 | |
| | | | | | | — | 926,351 |
| | | | | | | + | 381,591 |
| Nett loss due to supply and leakage ... ... | | | | | | | 544,760 |
| Calculated supply (*see* below) ... ... | | | | | | | 367,500 |
| Leakage in 16 hours is ... ... ... | | | | | | | 177,260 |
| *Add*—½ of this for 8 hours is... ... | | | | | | | 88,630 |
| Total leakage in 24 hours ... ... | | | | | | | 265,890 |

*Outgo from Malabar Hill Reservoir from* 4 *a.m. to* 8 *p.m. on the* 30*th April* 1888.

*To the City.*—Nothing. The city was supplied direct from the Tulsi Main; no water, therefore, entered the Reservoir.

*To Walkeshwar and Low Section of Malabar Hill and Narayen Dabulkar Road.*

Supplied through 12″ main by gravitation—

| | Galls. |
|---|---|
| From 5 a.m. to 10 a.m. at 20,000 per hour ... | 100,000 |
| „ 4 p.m. to 7 p.m. at do. ... | 60,000 |

*To Malabar Hill High Section, Pedder Road and Altamont.*

Supplied by pumping through 9″ and 6″ Mains—

| | | |
|---|---|---|
| From 7 a.m. to 11 a.m.<br>„ 1 p.m. to 4-30 p.m. | 7½ hours at 25,000... | 187,500 |

*To Malabar Hill High Section.*

By gravitation through 6″ Main—

| | | |
|---|---|---|
| From 5 a.m. to 7 a.m.<br>„ 10 a.m. to 10 p.m. | 5 hours at 4,000... | 20,000 |
| Total estimated quantity supplied ... | Gallons | 367,500 |

* Filter No. 1 was closed; the water was under the surface of the sand, and would rise and fall with the water in the Storage Basin.

**Table No. 3**—*continued.*

*Gauging—8th May 6 p.m. to 6 a.m. 9th May.*

| | At 6 p.m. ft. | At 6 p.m. in. | At 6 a.m. ft. | At 6 a.m. in. | Loss or Gain ft. | Loss or Gain in. | Galls. |
|---|---|---|---|---|---|---|---|
| Inlet Well ..... | 2 | 7¼ | 2 | 6 | 0 | 1¼ | 60,281 |
| Settling Basin ..... | 2 | 7¼ | 2 | 6 | 0 | 1¼ | |
| Filter Channel..... | 2 | 7¼ | 2 | 6 | 0 | 1¼ | 619 |
| „ No. 1 ..... | 0 | 1½ | 0 | 0½ | 0 | 1 | 5,012 |
| „ „ 2 ..... | 0 | 4 | 0 | 2¾ | 0 | 1¼ | 8,954 |
| „ „ 3 ..... | 0 | 2 | 0 | 1½ | 0 | 0½ | 3,383 |
| „ „ 4 ..... | 0 | 2 | 0 | 2 | 0 | 0 | 0,000 |
| Storage Basin ..... | 17 | 1 | 16 | 11¾ | 0 | 1¼ | 46,734 |
| Outlet Well..... | 17 | 1 | 16 | 11¾ | 0 | 1¼ | |
| | | | | Leakage in 12 hours ... | | | 124,983 |
| | | | | Equal to in 24 hours ... | | | 249,966 |

*Gaugings from 6 p.m. 15th May to 6 a.m. 16th May.*

| | Depth at 6 p.m. ft. | Depth at 6 p.m. in. | Depth at 6 a.m. ft. | Depth at 6 a.m. in. | Loss or Gain. ft. | Loss or Gain. in. | Galls. |
|---|---|---|---|---|---|---|---|
| Inlet Well ..... | 18 | 0 | 17 | 9¾ | 0 | 2¼ | 108,506 |
| Settling Basin..... | 18 | 0 | 17 | 9¾ | 0 | 2¼ | |
| Filter Channel ..... | 18 | 0 | 17 | 9¾ | 0 | 2¼ | 1,114 |
| „ No. 1 ..... | 1 | 1½ | 1 | 0 | 0 | 1½ | 7,518 |
| „ „ 2 ..... | 0 | 9 | 1 | 1½ | 0 | 4½ | +32,234 |
| „ „ 3 ..... | 1 | 7 | 1 | 5¼ | 0 | 1¾ | 11,841 |
| „ „ 4 ..... | 1 | 3¾ | 1 | 1 | 0 | 2¾ | 17,259 |
| Storage Basin ..... | 18 | 0 | 17 | 11½ | 0 | 0½ | 18,694 |
| Outlet Well..... | 18 | 0 | 17 | 11½ | 0 | 0½ | |
| | | | | | | | 164,932 |
| | | | | (All Sluices open between different Basins) | | | +32,234 |
| | | | | Loss in 12 hours ... | | ... | 132,698 |
| | | | | Loss in 24 hours ... | | ... | 265,396 |

SUMMARY OF GAUGINGS.

| | Leakage. |
|---|---|
| Gaugings, 30th April ... ... ... ... ... | 265,890 |
| 8th and 9th May ... ... ... ... | 249,966 |
| 15th and 16th May... ... ... ... | 265,396 |
| 3) | 781,252 |
| Average Leakage, Gallons per day ... ... | 260,417 |
| The Evaporation* in a closed Basin, such as the Reservoir, with little circulation of air, and an almost supersaturated atmosphere is reduced to a minimum. We may allow $\frac{1}{10}$" = say ... | 10,417 |
| Leaving the Leakage—Gallons per day ... | 250,000 |

* An actual trial in progress shows ½" per day up to time of writing, 28th May 1888.—S. T.

APPENDICES.

**Table No. 3**—*continued.*

*Gauging*—*14th May* 7 P.M. *to* 5 A.M. *15th May.*

Water taken in as usual from Tulsi.

| | Depth at 7 p.m. ft. in. | Depth at 5 a.m. ft. in. | Gain ft. in. | Gallons. |
|---|---|---|---|---|
| Inlet Well ... | 19 1 | 19 2½ | 0 1½ | 72,338 |
| Settling Basin ... | 19 1 | 19 2½ | 0 1½ | |
| Filter Channel ... | 19 1 | 19 2½ | 0 1½ | 743 |
| „ No. 1 ... | 1 7 | 2 3½ | 0 8½ | 42,602 |
| „ „ 2 ... | 0 2 | 2 5½ | 2 3½ | 196,982 |
| „ „ 3 ... | 2 1 | 2 6 | 0 5 | 33,830 |
| „ „ 4 ... | 1 5½ | 2 1 | 0 7½ | 47,070 |
| Storage Basin ... | 14 9 | 17 5 | 2 8 | 1,196,384 |
| Outlet Well ... | 14 9 | 17 5 | 2 8 | |
| | | | | 1,589,949 |
| | | Inflow from Tulsi ... ... | | 1,792,690 |
| | | Leakage in 10 hours ... | | 112,741 |
| | | „ 24 „ ... | | 270,560 |

There is the element of uncertainty here as to the exact income from Tulsi, but whilst not taken into the summary, it is confirmatory of the other trials.

## Table No. 3—*continued.*

STATEMENT of Height of Water in the Settling Basin, Malabar Hill Reservoir.

| TIME. | 4th May 1888. | 5th May 1888. | 6th May 1888. | 7th May 1888. | 8th May 1888. | 9th May 1888. | REMARKS. |
|---|---|---|---|---|---|---|---|
| | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | Ft. In. | |
| 4-0 A. M. | ..... | ..... | ..... | 2 11⅞ | 2 9 | 2 6⅞ | To test Settling Basin water turned into Storage (or Distributing) Basin. |
| 5-0 „ | ..... | ..... | ..... | 2 11½ | 2 9 | 2 6 | |
| 6-0 „ | ..... | ..... | ..... | 2 11⅛ | 2 8⅞ | 2 6 | |
| 7-0 „ | ..... | 3 0⅝ | ..... | 2 11¼ | 2 8⅝ | 2 6 | |
| 8-0 „ | ..... | ..... | ..... | 2 11¼ | 2 8½ | 2 5⅞ | |
| 9-0 „ | ..... | 3 0½ | ..... | 2 11¼ | 2 8⅜ | 2 5⅝ | |
| 10-0 „ | ..... | ..... | ..... | 2 11 | 2 8¼ | 2 5½ | |
| 11-0 „ | ..... | ..... | ..... | 2 11 | 2 8¼ | 2 5⅜ | |
| 12-0 NOON | 3 2⅝ | 3 0 | 3 1½ | 2 10⅝ | 2 8 | 2 5¼ | |
| 1-0 P. M. | 3 2⅝ | ..... | 3 1⅜ | 2 10⅝ | 2 8 | 2 5⅛ | |
| 2-0 „ | ..... | ..... | 3 1¼ | 2 10½ | 2 7⅞ | 2 5 | |
| 3-0 „ | 3 2½ | ..... | 3 1¼ | 2 10¼ | 2 7⅞ | 2 5 | |
| 4-0 „ | ..... | ..... | 3 1 | 2 10¼ | 2 7½ | 2 5 | |
| 5-0 „ | 3 2½ | ..... | 3 1 | 2 10 | 2 7½ | 2 4⅞ | |
| 6-0 „ | ..... | ..... | 3 1 | 2 10 | 2 7¼ | 2 4⅞ | |
| 7-0 „ | ..... | ..... | 3 0⅞ | 2 9⅞ | ..... | ..... | |
| 8-0 „ | ..... | ..... | 3 0⅞ | 2 9⅞ | ..... | ..... | |
| 12-0 MIDNIGHT | ..... | ..... | 3 0½ | 2 9½ | ..... | ..... | |
| 4-0 A. M. | ..... | ..... | 2 11⅞ | 2 9 | ..... | ..... | |
| 7-0 „ | 3 0⅞ | ..... | ..... | ..... | ..... | ..... | |

APPENDICES.

**Table No. 3**—*concluded.*

*Gaugings of Settling Basin only.*

| | | | | Height of water above sill of triple penstock. ft. | in. | | |
|---|---|---|---|---|---|---|---|
| 4th | May | 12 | Noon ... | ... 3 | $2\frac{3}{4}$ | | |
| 5th | „ | 12 | „ ... | ... 3 | 0 | Full in 24 hours | $2\frac{3}{4}$ |
| 6th | „ | 12 | „ ... | ... 3 | $1\frac{1}{2}$ | | |
| 7th | „ | 12 | „ ... | ... 2 | $10\frac{3}{4}$ | Full in 24 hours | $2\frac{3}{4}$ |
| 8th | „ | 12 | „ ... | ... 2 | 8 | „ „ | $2\frac{3}{4}$ |
| 8th | „ | 6 | P.M. ... | ... 2 | $7\frac{1}{4}$ = $\frac{3}{4}$ × 4 = | | 3 |
| 9th | „ | 6 | „ ... | ... 2 | $4\frac{1}{4}$ | | $2\frac{1}{2}$ |
| | | | | | Average ... | ... | $2\frac{3}{4}$ |

These trials seem to clearly establish the leakage from the Settling Basin at $2\frac{3}{4}$" per day, which is equal to 132,618·75, say 132,600 gallons per day.

## Table No. 4.

*Synopsis of History of Malabar Hill Reservoir.*

This is compiled from incomplete memoranda, and I cannot vouch for its complete accuracy.
S. T.

1877.
Construction of side walls commenced. Contractor—Mr. HAJI CASSUM JOOSUB.
1878.
Construction of side walls continued.
1879.
Side walls practically completed in December, but floor not done. Cost Rs. 1,47,940-14-7.
1880.
Side walls pointed; floor made with 18" lime concrete; Division wall constructed for Settling Tank.
Contractors—Messrs. BURJORJI RUSTOMJI & Co. Cost Rs. 1,10,450-1-5.

| Settling Basin. | | Storage Basin. |
|---|---|---|
| | 1881. | |
| Water admitted, 20th May 1881. | Water admitted, 1st January 1881. Average about 4 feet deep in March. | Supplied to City first time, 11th July 1881. |
| | 1882. | |
| | Emptied for work. | |
| | 1883. | |
| | Construction of Filters in progress. Contractors—Messrs. BURJORJI RUSTOMJI & Co. Cost Rs. 1,23,229-4-3. The storage basin would be empty. | |
| | 1884. | |
| | *Filters.* / *Vaults under Filters.* | |
| Cleaned out, April to 10th May. | Emptied for cleaning and pointing. | First supplied City from 15th August. |
| Supplied from Settling Tank in October. | Water first admitted, 24th May 1884. / Not yet formed; space part of Storage Basin. | Sometimes basin 16 feet depth of water. Lowered in September to 7 feet. |
| | " " used from filters 18th July 1884. | |
| Water let in, 9th May 1884. | " " passed to Storage Basin, 5th August 1884. | |
| | 1885. | |
| | Roofs in progress. Contractors—Messrs. LITTLEWOOD & PALLONJI. Cost Rs. 3,18,091-9-4. | |
| 28th April, 18' 10" of water Emptied in May (10th). | Vaults formed and 24" main into them laid. | Began to fill in May and supplied City from 22nd. |
| | 1886. | |
| Filled in January. | Filters opened 20th April. / City supplied from the vaults. | Emptied in January, for roofing. |
| | 1887. | |
| In use regularly. | In use regularly. / In use regularly. | Water admitted, 20th June. |
| | 1888. | |

All the Basins filled at one time on the 21st April; probably the first time this has occurred. The total cost of the Reservoir to date is about Rs. 7,00,000.

APPENDICES.

*Minute on Report by the Deputy Executive Engineer, Water Works, (No. 984, dated 28th May 1888.)*

RELYING on the observations made by Mr. Tomlinson, I concur in the report generally.

I think it probable that the leakage is principally through the floor, and from a report which I made to the Commissioner in January 1880, it is evident that the danger of leakage therefrom from cutting out for piers and walls for filter-beds and roof not originally intended was present to my mind.

In my opinion the floor should be scored or hacked for a key and covered with an inch coat of pure Portland cement (sand would make it porous) well and repeatedly trowelled at intervals.

Both Mr. Walton originally and Mr. Clerke recently have proposed (as I do) to rely upon a coat of cement as the impervious medium, and I would prefer to place this coat of cement upon the present floor which has for years been under hydrostatic pressure rather than upon any newly deposited concrete.

I do not consider that the new concrete and the old would ever become thoroughly homogeneous, for they would for an indefinite period be in different conditions of induration. That being the case, it appears to me that if there is a necessity for additional concrete at all (which I do not admit) such additional concrete should be of sufficient thickness (say 18 inches or 2 feet) to constitute an entirely new floor.

My proposal is the simplest and also the cheapest; I estimate the cost at Rs. 64,000.

There being a divergence of opinion regarding the remedial measures, I would suggest that the remedy which may be selected, be first tried at the Bhandarwada Reservoir, where there is a greater and more urgent need of action, though I am not sure that the floor is in that instance the only source of leakage.

JAMES W. SMITH, C.E.,
Acting Executive Engineer, Municipality.

*26th May* 1888.

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*Note by the Executive Engineer, Tansa Water Works, on Mr. Tomlinson's report on the subject of the leakage of the Malabar Hill Reservoir.*

No. 288 OF 1888-89.

BOMBAY, *30th May* 1888.

I have discussed the matters treated of in this report with Mr. Tomlinson when he was preparing it. I agree with the conclusions at which he has arrived, and I consider that the remedial measures he proposes will prove effective, on the assumption that the opinion we have arrived at as to the cause of the leakage is correct, namely, that it takes place through the floor and that there is none, or practically none, through the walls. The soundness of this opinion should be tested by making the trial pits as suggested. By way of remedy I would have proposed a layer of Portland cement concrete, composed of fine materials, 6 inches thick and a rendering of half an inch of cement plaster over this. The cost of this I estimated at Rs. 1,12,000, which is somewhat less than the cost of Mr. Tomlinson's proposal. The difference is, however, small, and I have no objections to offer to the carrying out of Mr. Tomlinson's proposal.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

# Second report on the Leakage of Malabar Hill Reservoir.

SECOND REPORT of the DEPUTY EXECUTIVE ENGINEER, in charge Water Works, forwarded to the TOWN COUNCIL, by the ACTING MUNICIPAL COMMISSIONER, dated July 1888.

THE SECRETARY, TOWN COUNCIL.

SIR,—I have the honour to forward a report of Mr. Tomlinson, Deputy Executive Engineer, in charge Water Works, on the trial-pits lately sunk at the Malabar Hill Reservoir.

2. It will be observed that leaks have been found in a few places, but the total computed quantity of water lost by them is a mere fraction of the daily loss, thus confirming the opinion expressed in my former report, that the main cause of loss is to be found in the disturbance of the floor at the time of the construction of the roof. Nearly all the small leaks discovered were at about the same height, and they are apparently due to the addition made to the height of the original wall of the Reservoir on the western side, the new work not having thoroughly amalgamated with the old. To remedy this, I approve of Mr. Tomlinson's proposal to spend Rs. 1,500 in pointing this portion, to a depth of 6 feet below the top of the old walls of the settling basin.

3. I think that, as regards the floor, we should begin by laying a 9″ layer of cement concrete this rains in the settling basin only. I recommend this in preference to undertaking all the basins at once, in order that we may have an opportunity of judging of the success of the measure in this basin first before going to the expense of the whole work. This will cost Rs. 55,000.

4. Lastly if this be sanctioned, the opportunity should be taken to extend the filter beds over the settling basin, as the work should be done at the same time the basin is emptied for the flooring work to be done.

The proper rate for filtration is 4″ per hour. In order to properly filter the 5 million gallons of water per diem which arrives at Malabar Hill Reservoir, there should be 117,000 square feet of sand, whereas the area of the existing filters is only 49,000 square feet, leaving a deficiency of 68,000 square feet.

To provide this 68,000 square feet additional area, together with certain subsidiary arrangements desirable, including a sludge pipe and an overflow, two lakhs will be necessary. This is a large expenditure, but I have no hesitation in recommending it, as the purity of water is a matter of vital importance, and the Malabar Hill Reservoir water at present only receives half the filtration which is considered necessary in the best works in England, that is to say, we

are obliged to pass it through the sand twice as quickly as it ought to flow to ensure efficient filtration. The proposals which I think the Town Council should recommend to the Corporation, are as follows :—

1. To point with cement the inner and afterwards the outer faces of the old wall of the settling basin to a depth of 6 feet below the top of the old wall or 8 feet below the top of the present one—
   Cost ... ... ... ...Rs. 1,500
2. To lay a 9″ layer of cement concrete on the floor of the settling basin—
   Cost ... ... ... ...Rs. 55,000
3. To extend the filter-beds by providing 68,000 square feet more area over the settling basin—
   Cost, including sludge pipe, overflow and subsidiary works ... ... ...Rs. 2,00,000

Total...Rs. 2,56,500

This sum, together with the Rs. 2,500 already sanctioned for the trial-pits, or a total of Rs. 2,59,000, should be advanced from cash balance but finally adjusted by raising a loan, and the work should be undertaken at an early date.—I have, &c.,

F. L. CHARLES.

6*th July* 1888.

APPENDICES.

No. 1785 W OF 1888-89.

BOMBAY, *6th July* 1888.

FROM S. TOMLINSON, Esq., Assoc. M. Inst. C.E., F.R.Met.Soc.,
Deputy Executive Engineer, in charge Water Works,

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner.

## Second Report on the Condition of Malabar Hill Reservoir.

Introductory.

SIR,—In the former report I recommended that a sum of Rs. 2,500 should be sanctioned in order that trial-holes might be sunk with a view to determine the actual condition of the walls of the Reservoir.

Grant of Rs. 2,500 sanctioned for trial-holes outside walls.

2. This proposal, supported by Mr. Clerke, was recommended by you to the Committee of the Town Council, who in their turn advised the Town Council affirmatively. The Corporation sanctioned the grant on the 4th June. The work was commenced at once. The Town Council made official inspections of the openings on the 11th June and 5th July.

Results of openings.

3. I have now the honour to lay before you the results of the openings, with the conclusions which I have drawn thereon, and to recommend a course of action.

The openings have been made haphazard, except at the places—I mean the outlets—which any Engineer would have first examined. My notes summarized on the openings are :—

No. 1. South end, at outlet of new syphon pipe. Old work, sound ; new work sweats ; small leak at junction of old and new work. * Leak runs 225 gallons per day, and is 6 feet from top of wall. The opening exposes the wall down to rock level, 15′ 6″. Area of exposure 152·6 square feet. This leak disappears when water is more than 4 feet down in the Reservoir.

No. 2. Centre of eastern wall, opposite entrance and iron steps Face of wall damp; no weep ; depth 20′ 6″. This is 1 foot below level of floor and 6″ above bottom of concrete. Area exposed 20′ 6″ × 4′ 3″ = 87·1 square feet.

No. 3. Eastern wall at northern end nearly opposite door to gangway. Leak at 6′ 9″ down; 875 gallons in 24 hours ; when 15′ 3″ of water ; much less when water lower. Area exposed 6′ 9″ × 19′ 0″ = 128·3 square feet.

No. 4. Eastern wall over 26″ outlet pipe (near No. 3). Wall damp ; no distinct leak ; bottom at 17′ 6″ on masonry of outlet. Area exposed 5′ 0″ × 17′ 6″ = 87·5 square feet.

No. 5. Northern wall, opposite Fire Engine Station. No leak ; wall strengthened here for buttress to angle. Area exposed 3′ 8″ × 14′ 0″ = 51·8 square feet. Rock met with at 14′ 0″.

* The leaks have been gauged by noting the time required to fill a vessel of 1 cubic foot capacity.

No. 6. Northern wall; just beyond western end of Lascars' chawl. Top width 6′ 6″. Bottom width 6′ 0″ at 8 feet deep on 11th June. Leaks at 6′ 0″ and 5′ 6″ down, running about 412·5 gallons per day, with 20 feet of water in the settling basin. 13th June—no change. 19th June—9′0″ deep; no new leaks. 22nd June—a leak found at 12 feet deep, where the wall is about 7′ 6″ thick. There is an offset of 6″ in the wall just below the leaks. The leaks are from 4 adjoining joints of the masonry. The gauging at 6 P.M., was at the rate of 12,600 gallons per day. The settling basin was nearly full. 5th July—16 feet deep; no new leaks. Gauging at 8 A.M., 5,425 gallons per day. Water 2 feet lower in the settling basin (17′ 9″). Area exposed 6′ 3″ × 16′ 0″ = 100 square feet.

No. 7. Western wall opposite first gable. No leak. Area exposed 5′ 6″ × 18′ 0″ = 99 square feet.

No. 8. Western wall opposite second gable. Leak of 650 gallons per day from a joint between old and new wall at 2′ 9″ and 3′ 0″ down. This disappears with water 2 feet down. Area exposed 5′ 6″ × 20′ 0″ = 110 square feet.

No. 9. Western wall, opposite third gable, no leaks: wall damp. Area exposed $\left\{\begin{matrix} 8' \times 8' = 64' \\ 6' \times 10' = 60' \end{matrix}\right\}$ 124 square feet.

No. 10. Western wall opposite fourth gable, wall damp; no leak. Area exposed 6′ 0″ × 22′ 6″ = 135 square feet.

No. 11. Western wall opposite fifth gable, wall damp; no leak. Area exposed 6′ 0″ × 9′ 0″ = 54 square feet.

No. 12. Western wall opposite sixth gable, leak at 3′ 6″ down. Runs 412·5 gallons per day when Reservoir contains 20 feet of water. Is a small trickle when Reservoir contains 18 feet of water. Area exposed 6′ 0″ × 18′ = 108 square feet.

No. 13. Western wall opposite seventh gable, leak at 6′ 6″ down; 500 gallons per day when Reservoir full. Almost disappears when water level 2 feet down. Area exposed 5′ 6″ × 8′ 0″ = 44 square feet.

No. 14. Western wall opposite eighth gable. No leak. Area exposed 5′ 6″ × 8′ 0″ = 44 square feet.

No. 15. Western wall opposite ninth gable, leak 632·8 gallons per day when Reservoir full, and was a small spurt the size of a lead pencil. When Reservoir drawn down 2 feet, becomes a small trickle down the wall. Area exposed 7′ 6″ × 10′ 0″ = 75 square feet.

No. 16. Western wall opposite tenth gable, no leak. Area exposed 6′ 0″ × 8′ 0″ = 48 square feet.

No. 17. Western wall opposite eleventh gable, no leak; wall damp. Area exposed 6′ 0″ × 4′ 0″ = 24 square feet.

No. 18. Western wall opposite twelfth gable, slight leak at 3 feet; 150 gallons per day when Reservoir full. Area exposed 6′ 0″ × 5′ 0″ = 30 square feet.

No. 19. Western wall opposite thirteenth gable, no leak. Area exposed 6′ 0″ × 4′ 0″ = 24·0 square feet.

## APPENDICES

No. 20. Western wall opposite fourteenth gable, leak at 4′ 3″ down; gauges 400 gallons per day when Reservoir full; almost disappears when Reservoir 2 feet down. Area exposed 6′ 0″ × 8′ 0″ = 48 square feet.

No. 21. Western wall opposite seventeenth gable, leak of 450 gallons per day at 5′ 3″ down. Does not spurt out when Reservoir is full; only trickles down the wall. When Reservoir 2 feet down, almost invisible. Area exposed 6′ 0″ × 8′ 0″ = 48·0 square feet.

No. 22. South wall, opposite filter No. 1, no leak. Area exposed 5′ 6″ × 8′ 0″ = 44 square feet.

This describes all the openings made up to the 5th July.

*Summary.*

| | Area Exposed. | Leakage. Gallons | 24 hours. |
|---|---|---|---|
| No. 1 | 152·6 sq. ft. | ... | 225 |
| 2 | 87·1 „ | ... | ... |
| 3 | 128·3 „ | ... | 875 |
| 4 | 87·5 „ | ... | ... |
| 5 | 51·8 „ | ... | ... |
| Storage or Distributing Basin | 507·3 „ | ... | 1,100 gallons. |

| | | Reservoir full. 20′0″ | 18′0″ |
|---|---|---|---|
| No. 6 | 100·0 sq. ft. | 12,600 | 5,425 |
| 7 | 99·0 „ | ... | ... |
| 8 | 110·0 „ | 650 | ... |
| 9 | 124·0 „ | ... | ... |
| 10 | 135·0 „ | ... | ... |
| 11 | 54·0 „ | ... | ... |
| 12 | 108·0 „ | 412·5 | 100 |
| 13 | 44·0 „ | 500 | 100 |
| 14 | 44·0 „ | ... | ... |
| 15 | 75·0 „ | 632·8 | 150 |
| 16 | 48·0 „ | ... | ... |
| 17 | 24·0 „ | ... | ... |
| 18 | 30·0 „ | 150 | ... |
| 19 | 24·0 „ | ... | ... |
| 20 | 48·0 „ | 400 | 100 |
| 21 | 48·0 „ | 450 | 50 |
| 22 | 44·0 „ | ... | ... |
| Settling Basin and Filters | 1,159·0 | 15,795·3 | 5,925 |
| | | 5,925 | |
| | | 21,720·3 | |

Normal height of Reservoir = Average ... 10,860 gallons.

Walls raised on western side.

4. The Reservoir, as stated in the former report, was designed and built as an open basin without any division walls or filters ; and the full height was 18 feet above the floor level. The partition wall forming the eastern and southern sides of the settling tank was, however, for a part of its height, built (in 1880) before water was actually let into the Reservoir. The Reservoir was then worked for some time without any additions. In 1882, 1883, 1884 the filters were constructed, and this necessitated, in order to provide head for filtering, either the raising of the walls of the settling basin and filters or the throwing out of use of about 2 feet of the storage basin. It was decided to raise the walls on the northern, western and southern sides by 2 feet, and this formed part of the contract of Messrs. Burjorji Rustomji & Co. It is worthy of note that the raising of walls cost Rs. 23 per brass against the Rs. 16 per brass paid for the construction of the original walls.

Reason for leaks in western wall and pointing recommended.

5. It will be noticed in perusing para. 3 that all the leaks in the settling basin division, with the exception of the large one in No. 6, occur either at or just below the junction of the raised portion with the old work. The explanation which seems to me most likely is—

*Firstly*—That when this walling was done, it would not be anticipated that it would be exposed to hydrostatic pressure and less care may have been taken with it on that account.

*Secondly*—And chiefly, this portion of the wall would be exposed to the sun and rain for two or three years ; sometimes wet, sometimes dry. I think it is very reasonable to expect that the pointing may have been damaged under these circumstances.

Although the leaks are small, yet, as I believe new pointing in neat cement would stop them, and, under the changed circumstances of the Reservoir, would be likely to continue effective, I recommend that the inner face, and afterwards the outer face of the old wall of the settling basin be repointed to a depth of 6 feet below the top of the old wall or 8 feet below the present one. No leaks have been found in the raised part. The cost of this I estimate at Rs. 1,500.

Similar measure not required for storage basin.

6. As far as the exposures of the walls bounding the storage or distributing basin prevail, there is no similar necessity. The water cannot be allowed to rise above the level of the old wall (18 ft. 3 in.) in any case ; and is generally from 1 to 2 feet below that level. I do not therefore at present recommend a similar measure for that part of the Reservoir.

Recommendation as to lower portions of walls.

7. There only remains now to consider the significance of the leak varying from 12,600 to 5,400 gallons per day in No. 6 in the northern wall of the settling basin. This occurs at 12′ 0″ down, and is exceptional both as to position and volume.

It might be contended that it is a sample of what occurs elsewhere, and no one can of course deny that there may be others in other parts of the wall. For my own part I think it is quite possible, on the other hand, that there may not be a series of such leaks. To bare the whole surface of the wall would cost Rs. 15,000 more, and I do not recommend that expenditure.

Presuming that there are a series of such leaks, their position is unknown except after undergoing the expenditure just referred to. To make sure of dealing with each leak, the whole of the inside walls would have to be repointed. These have an area of 40,763 square feet.

The leaks would not cover more than 20 square feet. The remaining 40,563 square feet are in good condition. Deducting the 4,500 (about) recommended to be repointed, there would be the disturbance of 36,000 square feet, which cannot be improved, with the object of improving 20 square feet. I do not think this would be a prudent course. I would not, also, recommend the drastic but effectual remedy of building a concrete wall inside the present walls at a cost of Rs. 94,000. What I do recommend is, that when the basin shall be emptied for the other works a very careful examination of the whole of the pointing shall be made and any repairs or renewals then effected.

Reason for the leak in north wall.

8. The leak just referred to may have been caused by—

(1.) A bit of scamping undetected by the Inspector.
(2.) A mixing of bad chunam.
(3.) Being allowed to get dry before the mortar could have set.

The last is the most probable as it is a most important matter and one upon which most contractors do not care to expend sufficient money to prevent.

Defects not due to the Malabar Hill stone.

9. The exposure which has been made of the walls finally disposes in the negative of the question of the defects being due to the use of Malabar Hill stone. The large proportion of the wall which is fulfilling its intended duty satisfactorily prove that there is nothing about Malabar Hill and similar basalts to prevent good work being done. The defects which appear are attributable to other causes, which have been referred to.

The walls quite stable and sound.

10. The exposure of the walls bears out in every respect the statements in the former report as to the stability of the walls. There has nowhere been revealed the slightest trace of any subsidence, fracture, crack or fissure in the walls. Even the parts which leak are perfectly stable ; and the leakage will have no more effect than if the same quantity of water were passed through the wall in a pipe. The water exudes under almost no velocity and evidently meets with resistance from the masonry.

Need only consider economy in discussing remedial measures.

11. The question of remedial measures can then be considered purely as a question of economy.

Recommendations.

12. I have now to summarize the recommendations with regard to the former report as modified by the further knowledge now acquired.

(*a.*) For the reasons advanced in the letters Nos. 541 and 913, excerpts of which are appended, and in the Administration Report of this department for the current year, I recommend that the filters should be extended so as to give the area of sand everywhere found necessary to deal with the quantity of water passing through this Reservoir. As a matter of economy it will be cheapest to absorb a portion of the settling basin. The additional area required is 68,000 square feet, and the estimated cost is Rs. 2,00,000. This sum also includes some alterations which will be required to the direct delivery arrangements, the provision of sludge pipe to the settling basin and overflows to the settling and storage basins. At present there is no overflow to this Reservoir. It also includes the removal and replacing of the roof and the construction of the partition wall between the additional filters and the settling basin.

(*b.*) When the filters are completed, the floor should be covered with 9″ of concrete as recommended in the last report. This would cost, for this basin, Rs. 55,000.

(*c.*) The pointing of the walls between the heights of 12 feet and 18 feet (as per para. 5) would cost Rs. 1,500.

The total cost of these proposals will thus be—

| | Rs. |
|---|---|
| Grant already sanctioned ... ... ... | 2,500 |
| New filters ... ... ... ... ... | 2,00,000 |
| Concrete on floor ... ... ... ... | 55,000 |
| Pointing walls ... ... ... ... | 1,500 |
| Total...Rs. | 2,59,000 |

If when these works have been completed, the Corporation shall be satisfied that the measures for stopping the leakage have proved practically satisfactory and effective, the storage basin could then be dealt with if thought necessary.—I have, &c., S. TOMLINSON, C.E., Deputy Executive Engineer, in charge Water Works.

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*Excerpts of letters No.* 541 *and No.* 913 *referred to in para.* 12.

After stating in No. 541 of 4th May 1888, that the filters at Vehar are quite insufficient to deal with the volume of water which is being consumed through the 24″ main, the letter states that filter sand area should be at the rate of 1 square foot for every 50 gallons of water to be filtered daily.

The same remarks apply to the filters at Bhundarwada and Malabar Hill.

"At Malabar Hill the whole supply passes through the filter, but the sand cannot be kept at the required thickness to secure the removal of the whole of the suspended matter. The Tulsi water is, so far as my observation goes and comparison with reports of previous years, rapidly improving in quality. The brown tinge from suspended inorganic matter is disappearing : in its place a vegetable growth similar to that in Vehar is rapidly increasing, and after a few years more it appears probable the two waters will be of a similar character."

In No. 913 of the 23rd May 1888, in reply to certain questions asked by you—

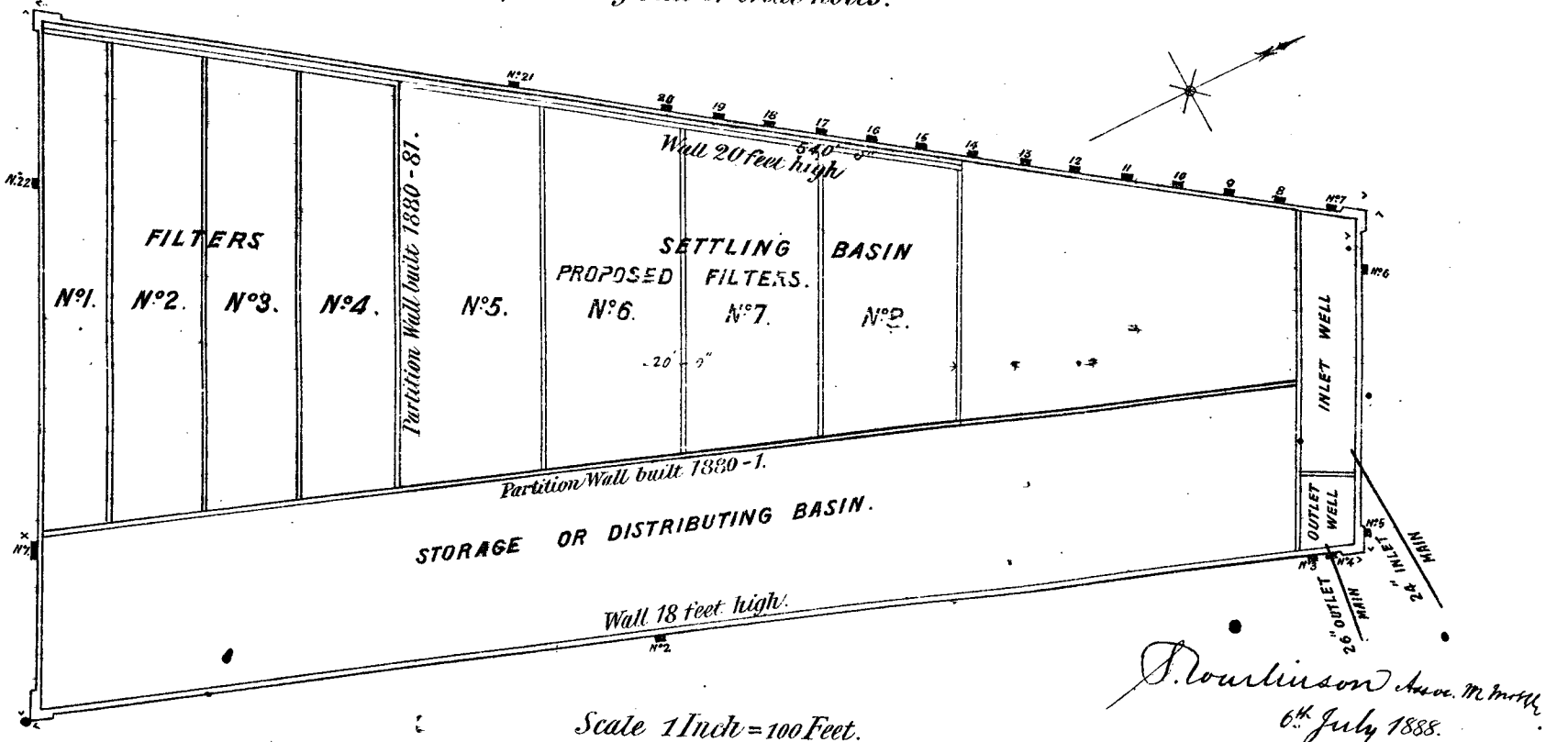
"The Malabar Hill works give a rate of 10″ or under half the area required ; the water has (over Vehar) the advantage, on the one hand, of a settling basin and the disadvantage of being at present more in need of filtering than the Vehar water.

"It is desirable in my opinion that the storage in the Reservoirs at Malabar Hill and Bhandarwada should be, as far as possible, filtered, because in case of emergency these reserves are supplied to the City. At present the settling basin at Malabar Hill contains more unfiltered water than the distributing basin does filtered . . . . By the present proposals the settling basin at Malabar Hill would be reduced and the chambers under the new filters added to the distributing basin and filled with filtered water."

No. 1

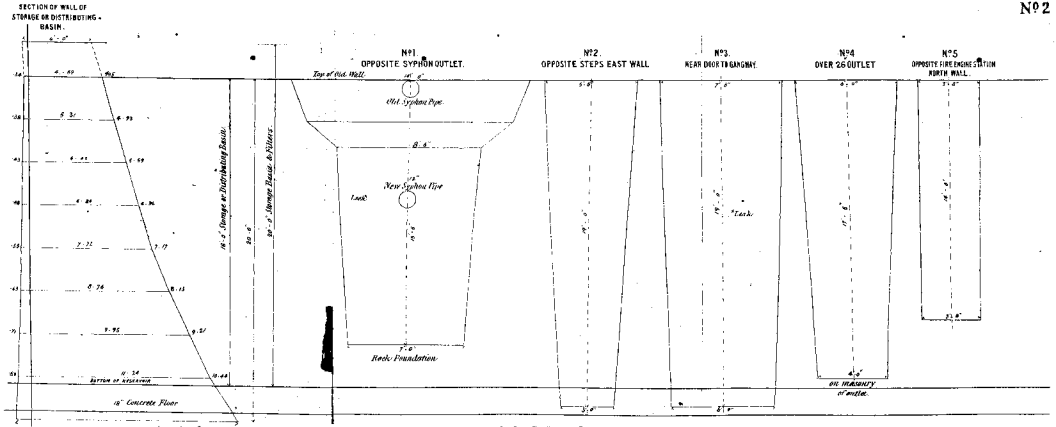
# GENERAL PLAN OF MALABAR HILL RESERVOIR.

*Shewing sites of trial holes.*



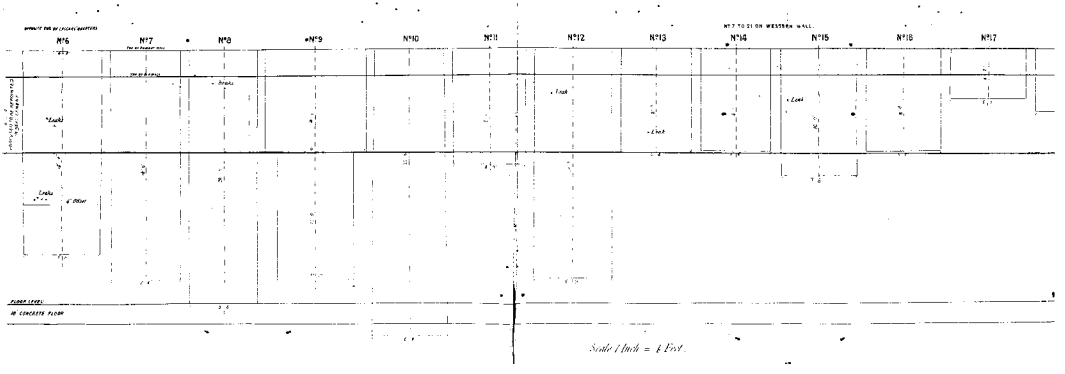

Scale 1 Inch = 100 Feet.

S. Courtinson Assoc. M. Inst. C.E.
6th July 1888.



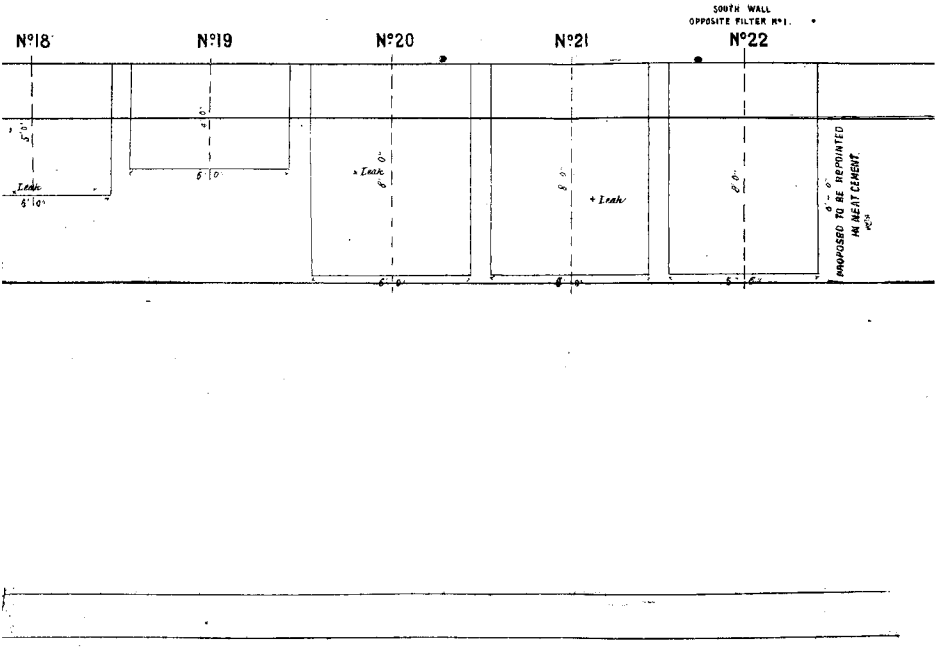

Scale 1 Inch = 4 Feet.

P. Rourlinson Assoc. M. Inst. C.E.
6th July 1888.




Scale 1 Inch = 4 Feet.

No 3




P. Rourkinson Assoc M Inst
6th July 1888.

# Appendix D

## JOHN HAY GRANT RESERVOIR, BHANDARWADA.

LETTER No. 6408 of the 14th July 1888 from the ACTING MUNICIPAL COMMISSIONER to the SECRETARY, TOWN COUNCIL, forwarding REPORT by the DEPUTY EXECUTIVE ENGINEER in charge Water Works, on the condition of the Reservoir, dated July 1888.

No. 6408 OF 1888-89.

FROM F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner for the City of Bombay,

TO THE SECRETARY, TOWN COUNCIL.

MUNICIPAL COMMISSIONER'S OFFICE,
BOMBAY, 14*th July* 1888.

SIR,—I have the honour to forward a report by Mr. Tomlinson, Deputy Executive Engineer in charge Water Works, on the John Hay Grant (Bhandarwada) Reservoir.

2. It has been well known ever since its completion in 1884 that this Reservoir leaked. The evil has been minimized as far as possible by keeping the water low, as the leakage is much greater when the Reservoir is full than at lower levels.

Storage Basin—Full height 30'. Maximum height at which water has been kept 25' 6".

3. But with the prospect of the arrival of the Tansa water in 1891, I think the time has come to consider whether it is not necessary to put the Reservoir in such a state that it can be kept full, and in the highest condition of efficiency, without loss of water. The advantages of storing a large supply to be ready in case either of a serious burst in the main, or in case of a large draw off for fires, &c., are too obvious to require much explanation.

Distribution Basin—Full height 15'. Maximum height maintained 8' to 9'.

Leakage at these levels, galls. 357,000.

Leakage at overflow level, galls. 572,000.

4. The causes of the leakage are not difficult to trace. Mr. Tomlinson's careful report shews that during almost the whole period of construction between 1880 and 1884, Messrs. Walton and Braham were engaged in a continued struggle with the contractors, to prevent bad work being done. Some of the chief points the Engineers complained of at the time of the works as shewn by the correspondence are :—

1. The use of inferior unburnt bricks.
2. Insufficient grinding of mortar.
3. Use of salt sand.
4. Use of sand not properly washed.
5. Masonry not kept properly moist.
6. Puddle put in without proper backing.

5. The Engineers in charge constantly ordered the removal of bad bricks, &c., &c., but in spite of all their care, the actual state of the Reservoir, as soon as it was completed, shewed that, however much bad work had been detected and removed, much more must have eluded detection.

6. The works now recommended by Mr. Tomlinson will cost Rs. 3,85,400. Of this sum, the remedial measures will cost Rs. 2,41,000; the proposed filter extension, Rs. 1,44,400.

7. Sooner or later all these works must be undertaken, as I presume the City will not be satisfied till its Water Works are in a thoroughly satisfactory condition, both as regards quantity and purity of water.

8. I am inclined to think that, if the works recommended lately for the Malabar Hill Reservoir be sanctioned and undertaken this year the Bhandarwada improvements and filters should be sanctioned to be undertaken in 1889, as it is desirable, both that the fullest possible store of Tansa Water should be kept and that the Bhandarwada filters should be capable of properly filtering the full supply.

9. Lastly, I request attention to the interesting information Mr. Tomlinson has collected as to the cost of these works, as compared not only with other important work in Bombay (the Prince's and Victoria Docks) but with Water Works in England.

A summary of this information shews the following:—

| | Cost per brass of Prince's and Victoria Docks. | | Cost per brass of Bhandarwada masonry—Total cost of walls per brass, Rs. 18. |
|---|---|---|---|
| | Total cost of walls per brass. | Cost of rubble only. | |
| | Rs. | Rs. | |
| Prince's Dock ..... | 34·75 | 25·75 | |
| Victoria Dock..... | 31·00 | 22·00 | |

| | |
|---|---|
| Average cost per 100,000 gals. of Reservoirs in England £500, say Rs. 7,000. | Cost per 100,000 gals. at Bhandarwada, excluding filters, Rs. 2,710. |

I hope that the lessons learnt from our present Reservoirs will not be lost, and that should a third Reservoir ever become necessary a distinctly higher class of work will be sanctioned at, of course, a considerably higher rate.—I have, &c.,

F. L. CHARLES,
Acting Municipal Commissioner.

APPENDICES.

No. 1852 of 1888-89.

EXECUTIVE ENGINEER'S OFFICE,
WATER WORKS DEPARTMENT, 10*th July* 1888.

From S. TOMLINSON, Esq., Assoc. M. Inst. C.E., F.R. Met. Soc.,
Deputy Executive Engineer in charge Water Works,

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner.

## First Report on the Condition of the Bhandarwada Reservoir.

SIR,—I have the honour to report on the condition of the Bhandarwada Reservoir.

Summary of Conclusions.

2. It may perhaps, though unusual, be expedient to give the conclusions arrived at as an introduction to what follows. These are, in brief, that the works were known to be not watertight from the opening of them; that the leakage was the subject of correspondence and measures for its prevention; that in 1886, when Mr. Braham left, these works were in progress; that in May 1886 when I arrived and took charge of the works, my attention was drawn to the leakage, both by Mr. Walton and Mr. Ollivant; that I took gaugings in May, June and July 1886, which satisfied me that there was heavy leakage when the different basins were full and that this leakage could only be effectually dealt with by the expenditure of a large sum of money; and that it (the leakage) was much less when the level of the water was kept a few feet down. I verbally reported these conclusions to Mr. Walton and to Mr. Ollivant and recommended that the work of plastering which was not, I considered, likely to prove effective should be stopped, and as the leakage did not endanger the stability of the works it would be better to keep the water level below certain points. This practice has been followed since that time, and the works have been in regular use.

I have recently again filled the different basins, and the results are discussed below. The leakage when all the basins are simultaneously full is over half-a-million gallons per day or 7 per cent. of the quantity passing into and out of the Reservoir every day. The works necessary to deal with this leakage in a way likely to prove effective are estimated to cost Rs. 2,41,000.

### HISTORY OF THE BHANDARWADA PROJECT.

3. The Bhandarwada works are first, officially at all events, put forward in a report by Mr. Braham, dated 12th October 1876. This report was printed and circulated, and it is not necessary to do more than summarize the proposals it contained. These were, that in consequence of the numerous complaints of defective supply it was necessary to provide a Reservoir which should receive a continuous supply from Vehar to be discharged in 8 hours at high pressure, and so also that high pressure should be available when fires occurred. This Reservoir, it was proposed, should be constructed on the Bhandarwada Hill. The floor of the Reservoir was to be at 146 T. H. D., and the top 158 T. H. D. The capacity was to be 6 millions of gallons. The Reservoir was to be covered and divided into three compartments,

each independent of the other. The roof was to be coated with plaster to prevent the entrance of surface water, and the whole area was to be laid out as a public garden 700 ft. × 150 ft. The estimate for the Reservoir was Rs. 2,01,178. For the mains, &c., in connection therewith Rs. 1,94,949; and after allowing 5 per cent. for contingencies, the total cost was estimated at Rs. 4,15,933.

On the 18th November 1876 the Town Council thanked Mr. Braham for his able report and ordered it to be circulated with the expression of the Council's opinion that, if there be any funds available from the new loan after the completion of the scheme already sanctioned (Tulsi Water), Mr. Braham's proposal should be considered with a view to being carried out from such funds. This decision was also arrived at by the Corporation on the 22nd January 1877.

The Town Council subsequently desired a report either from the Drainage Commission or the Irrigation Department. A report of Mr. J. Hart, Acting Chief Engineer for Irrigation, was submitted on the 29th January 1878, and the consideration of it was deferred until the Council received the report of the Drainage Commission. The report of Mr. Hart was generally favourable to the project. On the 29th March 1878, the Corporation sanctioned the Bhandarwada Reservoir, estimated at (including filtration) 9½ lakhs to be carried out simultaneously with the Drainage Works. (The Drainage Works were also sanctioned at this meeting.) This resolution was repassed on the 27th August 1878. On the 24th September Mr. Braham asked for staff to sink trial-pits and to supervise the construction of the works. Amongst the staff he proposed was "a Resident Engineer on Rs. 600 per mensem, whose duty will be to superintend this work especially and who will be required to be resident on the Hill and to watch carefully the construction of the walls, arches, &c., there, which will require to be of the very best workmanship, and a surveyor, draftsman and foreman inspector of works on Rs. 250."

On the 29th October 1878, the Town Council gave sanction to the expenditure of Rs. 1,000 for surveys, &c., and referred the proposal, for a Distribution Service Reservoir, to the Consulting Engineer (Mr. Forde). Mr. Forde reported on the detailed drawings and estimates on the 18th June 1879. This report has been published. The revised plans proposed a top water level of 147 T. H. D. and a floor level of 137. The Service Reservoir was to contain five million gallons, and filters of 15,000 square yards (135,000 square feet) were proposed. The estimate was Rs. 9,72,578, including contingencies.

Mr. Forde could not recommend the design for Service Reservoir in three compartments, because it was so costly and so small. He recommended a Reservoir to hold twelve million gallons, with filters alongside instead of over the Reservoir, and would leave the filters uncovered until experience proved covering to be necessary. To secure a supply to houses at higher levels, he proposed a small subsidiary Reservoir. Even with these modifications he did not consider the scheme was suited to Bombay, because water cannot reach upper floors of many houses; but did not recommend an alternative one: he suggested a 36″ main when Vehar 32″ should require renewal and have the tank 40 feet higher, leaving the old main for the use of the northern portion of the Island.

The project was then the subject of further reports and discussions by Mr. Braham, Mr. Forde, Mr. Gostling, and Mr. Walton.

## APPENDICES.

Mr. Walton in his report, dated 28th July 1879, recommended the raising of the top of the Reservoir to 190 T. H. D. and the laying of a second 18″ main from Vehar. The main would cost an additional Rs. 6,32,800.

Mr. Forde recommended a 36″ main instead of 18″ and smaller filters for the present.

On the 9th September 1879 the Town Council resolved that the top water level of the Reservoir be at 190 T. H. D.; that the Reservoir should be enlarged so as to hold about two days' supply; and that the necessary filter-beds be provided. The whole cost not to exceed 10 Lakhs.

The main features of the project were thus finally determined, and Mr. Braham set about the realization of them.

### THE DESIGN OF THE WORKS.

5. The works (*see* General Plan) comprise a Settling or Storage Basin, 6 Filters and a Distributing or Clear Water Basin.

(*a*) *The Storage Basin.*—This basin is 350 feet × 150 feet at the top, and is 30·50 feet deep, holding 30 feet of water. The inner face of the wall batters at the rate of 2″ per foot, and the bottom dimensions are 340 feet × 140 feet. The capacity of this basin is 9,351,230 gallons. The section of the wall is shown on drawing No. 3. It is constructed of uncoursed rubble in chunam mortar, backed with puddle varying from 2′ 0″ to 3′ 0″ in thickness. The wall rests on a foundation of lime concrete, the thickness of which varies according to the levels and character of the old ground. The face of the wall is not pointed in cement or cement mortar. There is a bank of earth behind the puddle. This earthen bank has a top width of 20 feet with slopes of 1½ to 1, and runs also around the filters and distributing basins on the western and southern sides. The floor of the basin is made of 18 in. of lime concrete covered with ½ in. Portland cement plaster, 1 of sand to 1 of cement, on the top of which was to be laid ½ in. of artificial asphalte: this, however, was changed to ¼ in. neat Portland cement.

(*b*) *The Filters.*—The filters are 6 in number; 5 of them are 200 feet × 80 feet each, and the 6th, 145 feet × 110 feet. Drawing No. 3 shows the general style of construction. The floor is formed of 9 in. lime concrete, finished with cement mortar and neat cement plaster as in the Storage Basin. The walls are of uncoursed rubble in lime mortar not pointed.

The area of each filter is about 16,000 square feet: the aggregate area 96,000 square feet. The partition walls are 7′ 0″ high and from 3′ 6″ to 4′ 0″ in thickness.

The water capacity over the sand is 1,800,000 gallons.

(*c*) *The Distributing Basin.*—This basin (*see* drawing No. 1) is an irregular cross in plan. The walls are of similar design and construction to the Storage Basin walls, the section being modified for the smaller height of water in this basin.

The top water level in each basin is 190 T. H. D.; the floor level of the Storage Basin is 160 T. H. D.; of the Filters, 183·50 T. H. D.; of the Distributing Basin, 175 T. H. D. The Distributing Basin, therefore, only contains 15 feet of water when filled and having an area of about 78,000 square feet, contains about 7,300,000 gallons. The floor is similarly constructed to the floor of the Storage Basin, but is only 12 in. thick.

The Distributing Basin is roofed over with brick arches carried on brick piers brought up from foundations beneath the floor of the basin. The upper surface of the arches is soiled over and forms the site of the garden.

*Inlets and Outlets.*—The 32 in. inlet, 48 in. outlet and 24 in. scouring pipes are passed through the Storage Basin wall in a brick-in-cement culvert in neat Portland cement, the pipes being enclosed in ashlar masonry, and a similar arrangement passes the 48 in. and 24 in. delivery and scouring pipes out of the Distributing Basin. There is also a direct 32 in. delivery pipe to the filters at the level of 190 T. H. D. The water can be passed from the Storage Basin to the filters when the Storage Basin contains 29 feet of water. The clear water is admitted to the Distributing Basin through penstock openings in the walls.

It should be noted that the floor of the basins is in some part, on the western side, above the level of the natural surface. In these places the foundations for the floors were built up in layers of concrete and rubble.

CONSTRUCTION OF THE WORKS.

Tender accepted.

6. The drawings and specifications were ready in January 1880 and tenders were received in April 1880. On the 27th April 1880 the Town Council approved of the acceptance of the tender of Messrs. Ellapa Ballaram & Co., amounting to Rs. 5,43,766. They also appointed one Engineer (the Deputy Engineer, Mr. Braham, in addition to his other duties and without any additional salary) and one Inspector and Surveyor on Rs. 200 per mensem.

The accepted tender was for the construction of the works at Bhandarwada. The provision of cast iron pipes for the inlet and outlet mains and the laying of them formed the subject of separate contracts which will not be referred to again.

The contractors commenced work at the end of April 1880, and Mr. Braham took up his residence in the bungalow called "Belmont," which was on the site of the works. He continued to reside there until August 1882 when the bungalow was pulled down to allow of the construction of the filters.

Precis of record of construction.

7. I have gone carefully through the voluminous records and have extracted such portions as are likely to have any bearing on the present discussion as to the reasons for the leakage and the stopping of it.

Stone taken from excavation.

14. All the stone taken from the excavation, which in the opinion of the Engineer (after being cleaned and scraped, and all discoloured and decaying or decayed portions removed) is fit to be used for any portion or portions of the work under this contract, the contractors shall be bound to use for such work, and the Engineer shall select which stones are to be used for each and different portions of the work, and the contractors must use such stones for such selected portions of the work only. The contractors shall be paid for such work at the rates given in the schedule of rates hereunto annexed where stone obtained from the excavation is used.

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15. All stones taken from the excavation and which are to be used in the work under clause 14 must, directly after being excavated, be immediately cleaned, scraped, and have all discoloured and decaying or decayed portions removed from them by the contractors, and they shall then be at once stacked so as to be ready for use when required. The contractors shall put on as many masons as the Engineer shall require to cleanse, scrape, &c., such stones. If the contractor fails, within 24 hours after receiving written notice from the Engineer, to put on the required number of masons for this purpose, the Engineer shall employ such number as he may consider necessary at the contractors' risk and expense and the cost will be charged to the account of the contractors. No allowance will be made to the contractors for any expenses incurred in so doing. The prices given in the schedule hereunto annexed for work built with stone obtained from the excavation are supposed to cover all charges.

Excavated stone to be cleaned, &c., and then stacked before being used.

16. No stones taken from the excavation which the Engineer shall think unfit for any of the work under this contract, shall on any account be used by the contractors notwithstanding they may, at their own cost, have previously cleaned, scraped and removed all discoloured and decaying or decayed portions from them. Should the Engineer find that the contractors have, notwithstanding this express injunction, put such stone in any portion of the work, they shall immediately and within 24 hours after receiving written notice from the Engineer so to do, remove such portions of the work and rebuild it with other stone either from the excavation or otherwise which the Engineer shall approve, failing which the same shall be carried out by the Engineer at the contractors' risk and expense.

On the 29th May 1880 the contractors were directed to clean and tack the stone excavated. The contractors delayed this work, and everal letters were addressed to them on the subject. Eventually the ork appears to have been done satisfactorily.

The excavation for floors was directed to be completed before the alls were commenced ; this was only carried out as to a portion of the orks.

On the 20th June 1881 the contractor had put only 6 in. instead of ft. 6in. of concrete for Distributing Basin (foundations for walls) and as ordered to remove it and carry the excavation to the proper depth.

Clause 19 provided for the supply of Municipal bricks at the Panell Works at the rate of Rs. 14 per 1,000. It was found, however, hat these bricks were not of sufficiently good quality. The contracors in March 1881 undertook to supply Kurla bricks at an extra rate f Rs. 3 per 1,000.

In October 1881 the contractors were directed to remove inferior ricks. On the 25th November 1881 Mr. Braham wrote : " I have gain to call upon you in writing to remove the inferior bricks you ave for the last three days brought on to the works. These bricks hich come at night or in the early morning are mixed and stacked ith good ones on the works, notwithstanding I have seen them at he bottom of the hill at about 6-30 a.m. and given orders not to ring them on to the hill at all. I find, too, that since bricks have een rejected and removed, the inferior unburnt bricks are now being ixed by the maker with the good bricks. This must be put a stop o at once.

"2. It will be necessary for you to make arrangements at once so that the maker sends only well-burnt bricks on to the work, and that no unburnt or inferior bricks are mixed with them by him."

Again on the 26th January 1882 and 20th February 1882, similar complaints were made.

The bricks were tested in April 1882 and were crushed with the following pressure :—

| Crushed lbs. per square inch. | | |
|---|---|---|
| 1,200 | 560 | 896 |
| 450 | 900 | 1,200 |
| 1,000 | 448 | 414 |
| 1,080 | 560 | 310 |
| 1,200 | 560 | 206 |

A mistry was sent to Kurla to examine bricks there. He complained that they did not allow him to sound them.

On the 6th May 1882 Mr. Walton (Mr. Braham being on leave) rejected the Kurla bricks then being supplied and demanded Kallian table-made bricks. The contractors so far refused to bring good bricks that the Municipal Commissioner was addressed by Mr. Walton on the 1st June. The contractors contended that by the contract they were not to supply bricks and threw the responsibility for the delay upon the Municipality. Eventually, the contractors undertook to plaster with ½ in. chunam mortar such piers as shewed signs of peeling.

On the 27th November 1882 some bad bricks were rejected and removed from the work, and in 1883 complaint was made that unburnt bricks were being sent for the lower part of the filter.

Sand.

20. The whole of the sand, with the exception of that for the filtering material, shall be very clean, sharp, siliceous river sand of approved quality. It shall be well washed and thoroughly freed from all saline matter, earth, mud, or other impurities. It shall be also screened if the Engineer shall require it.

In November 1882 some stacks of sand which were found to be salt were rejected and removed.

Chunam.

21. The chunam to be made from the best Andheri or Darolee kunker, and to be fresh burnt. The slaked lime is to be screened free of all unburnt lumps. The contractors shall give every facility to the Engineer or his Assistants to examine the kunker or kilns in which it is burnt, and shall at their own cost provide all labour necessary to open any kiln or kilns which the Engineer or his Assistants may desire to examine. Should the Engineer or his Assistants condemn any of the kunker being used by the contractors as inferior in quality, the contractors shall forthwith remove such kunker, and no lime or chunam produced from kunker which is condemned shall on any account be brought on to the works.

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Chunam.

In October 1880 Mr. Braham informed the contractors he should reject the chunam they had brought because it was salt, and should require all chunam to be slaked with fresh water. The contractors appealed to the Municipal Commissioner. The matter was referred to the Consulting Engineer, who preferred slaking with fresh water, but inquiries should be made if fresh water was available or generally used. The matter was eventually settled by the contractors being allowed Re. 1 more per brass as it was found to be the custom to slake with salt water. (Municipal Commissioner's No. 12986 of 3rd December 1880; Town Council, 7th December 1880.)

In October 1881 Mr. Braham ordered the removal of inferior chunam.

On the 7th May 1882 Mr. Walton complained of the quality of the lime containing much unburnt kunker. After several letters the contractors attended to the matter and removed the kunker, but the complaint re-appeared after a short time.

In June 1883 a lot of chunam was spoiled by the rain and was not allowed to be used below top water line.

Mortar.

22. **The mortar to be used in the work is to be composed of one measure of slaked lime or chunam to one measure of clean, sharp washed sand. The ingredients are to be mixed in pug-mills driven by steam power as long and in such manner as the Engineer may consider desirable to produce a first class mortar. The mortar is to be used fresh and served from a clean platform screened from the sun, and no mortar which has stood for more than 24 hours after being ground shall be allowed to go into the work. Proper arrangements satisfactory to the Engineer are to be made for measuring the ingredients and for adjusting the quantity of water. Test-bars to be made as may be ordered by the Engineer.**

In May 1881 Mr. Braham complained of the insufficient grinding and mixing of the mortar. After much trouble the grinding was continued for the time required.

In November 1882 some stacks of chunam having 6 inches excess of sand over them were removed.

Portland cement and Portland cement mortar.

23. **The cement used shall be the best Portland cement from the best makers; it shall be ground extremely fine, and, except where otherwise specified, shall be thoroughly mixed on a clean floor with one measure of sand to one measure of cement. It shall be applied as soon as mixed, and unless so applied shall be rejected and removed. The cement shall not weigh less than 110 lbs. to the striked bushel, and be capable of passing through a sieve with 900 meshes per square inch and of sustaining a breaking weight of 400 lbs. per square inch seven days after being in an iron mould, and immersed in water during the interval of seven days. Specimens of cement shall be prepared neat for all tests; and all moulds, weights, and other articles required for this process must be supplied by the contractors. No cement shall be used which has become hard or set.**

The following were the results of testing briquettes of $2\frac{1}{4}$ square inches :—

*29th January* 1882.
7 days in water.

| Broke at | Equal to, per sq. in., lbs. |
|---|---|
| 770 | 342 |
| 750 | 333 |
| 620 | 275 |
| 860 | 382 |

*23rd February* 1882.

| | |
|---|---|
| 500 | 222 |
| 670 | 297 |
| 590 | 262 |
| 640 | 284 |
| 570 | 253 |

*30th March* 1882.

| | |
|---|---|
| 720 | 320 |
| 880 | 391 |

*18th April* 1882.

| | |
|---|---|
| 770 | 342 |
| 900 | 400 |
| 980 | 435 |
| 680 | 302 |

*11th August* 1882.

| | |
|---|---|
| 570 | 253 |
| 560 | 248 |
| 470 | 208 |
| 820 | 364 |
| 850 | 377 |
| 760 | 337 |

*4th September* 1882.

| Broke at | Equal to, per sq. in., lbs. |
|---|---|
| 600 | 266 |
| 650 | 288 |
| 900 | 400 |
| 590 | 262 |

*18th November* 1882.
7 days in water.
5 days' air, in shade.
New cement.

| | |
|---|---|
| 400 | 177 |
| 800 | 355 |
| 690 | 306 |
| 600 | 266 |
| 570 | 253 |
| 600 | 266 |

*22nd November* 1882.

| | |
|---|---|
| 890 | 396 |
| 880 | 391 |
| 860 | 382 |
| 970 | 431 |
| 890 | 396 |
| 650 | 289 |

*1st December* 1882.
2nd batch of 500 barrels.
7 days in water.

| | |
|---|---|
| 1,200 | 533 |
| 1,000 | 444 |
| 1,200 | 533 |
| 1,000 | 444 |

*8th December* 1882.

| Broke at | Equal to, per sq. in., lbs. |
|---|---|

7 days in water.

7 days air, in shade.

| | |
|---|---|
| 720 | 320 |
| 600 | 266 |

*8th December* 1882.

Cement and sand 1 to 1.

| | |
|---|---|
| 500 | 222 |
| 460 | 205 |
| 390 | 173 |

Cement and sand 2 to 1.

| | |
|---|---|
| 260 | 115 |
| 250 | 111 |
| 215 | 95 |

*3rd July* 1883.
Cement.

| | |
|---|---|
| 740 | 328 |
| 610 | 271 |
| 630 | 280 |
| 635 | 282 |
| 600 | 267 |
| 690 | 306 |

Concrete.

24. The concrete shall be composed of two parts chunam, two parts clean, sharp, washed sand, and four parts broken stone (of which no piece shall be too large to pass on all faces through a ring of $1\frac{1}{2}$ inches in diameter), and shall be laid in the positions required in layers not exceeding 9 inches in thickness and breaking bond not less than 3 feet. Each layer to be thoroughly rammed and beaten directly it is laid, with iron punners weighing not less than 10 lbs. The concrete when laid must be kept thoroughly and constantly moist. If it be left exposed and become hard, dry, unsound, or dirty, it shall be cleaned off before another layer is added, and be covered with thin grout before such other layer is added.

Mixing concrete.

25. The concrete is to be mixed on a thoroughly clean floor, as follows :—First, the mortar shall be prepared as specified in clause 22. This shall then be mixed with its proper proportion of stone and turned over and thoroughly worked up with powras until the mortar and stones are thoroughly and intimately mixed together.

Rubble masonry.

26. The rubble masonry is to be built of large sized, flat bedded stones, clean, properly selected for their places, carefully laid with a suitable proportion of smaller stones or chips to fill the interstices; the whole to be hand-set, and solidly bedded in mortar, with which also each piece is to be completely surrounded. The stones to break joint both vertically and horizontally. There shall be no hollows or dry portions in the

work. When the work is stopped for the day or when it is up to its full height, tables are to be formed on the surface and kept full of water for such time as the Engineer may direct, and the surface is to be screened from the sun by leaves and straw kept wet, and should the contractors fail to keep the masonry sufficiently moist or keep a sufficiently large stock of water at hand for that purpose, the Engineer may adopt, at the cost of the contractors, whatever means he thinks proper to carry out both these conditions. The whole of the masonry of the walls of the storage reservoir, filter beds, and distributing reservoir, shall, as far as possible, be carried up simultaneously. All cross walls must be thoroughly bonded into and built up simultaneously with the main walls; at all corners and angles of main walls, extra strength shall be obtained by filling in the angles as shown on the drawings.

On the 16th February 1881 Mr. Braham wrote:—"I have the honour to inform you that I found your masonry work to-day quite dry, and the chunam all over the work was in many places quite white and dry, and more like dust than chunam."

He drew attention to clause 31, Articles of Agreement, and upon recurrence would put in force the latter part thereof.

Again on the 23rd February 1881 and the following dates, the same complaint was made :—

In May 1881; in June 1881(no Bhistis were engaged, stopped masonry; work injured by rain, and ordered walls to be covered with jowlies); in August 1881 ; in December 1881; 1st February 1882 ; 6th February 1882 ; 10th February 1882.

Mr. Walton wrote on this date :—"I have to request your immediate attention to and compliance with the terms of clause 26 of your specification wherein you are required to keep the masonry moist. On my visiting the works this morning I noticed that the greater part of the rubble work and other masonry was dry, and upon inquiry I ascertained that since the Tulsi supply had ceased you had made no effort to keep the work wet. I must request therefore that you will take immediate steps to keep the whole work well moistened independent of the Tulsi supply, otherwise I shall be compelled to adopt such measures to carry this into effect as I may think necessary and at your risk and expense."

31. The clay puddle is to be tough and tenacious and of approved material, free from soil, sand, gravel or stone, wrought and chopped up with powras on a stage, watered and tempered to the satisfaction of the Engineer or his Assistants, or ground in an approved pug-mill if the Engineer so direct. The puddle shall be placed in position in layers not exceeding 6 inches in thickness and shall be trodden into position and a copious supply of water shall be used to insure complete saturation of the clay, which however must not be made too wet. Each layer of puddle must be cut and thoroughly incorporated into the preceding layer which must be kept clean, and if necessary cut into and beaten up again if it has become hard or dry and not in proper condition to receive the succeeding layer. Puddle.

7th July 1881.—The contractors were ordered to remove the whole of the puddle lying on the road because it was full of kutchra. Puddle.

On the 29th November Mr. Braham wrote :—

"Under clause 17 of your Articles of Agreement I have to request you to remove forthwith the puddle you have put behind the Storage Basin wall over the outlet pipes 1′ 6″ in height without making up the bank to support it. The consequence is, as might be expected by any one conversant with the use of puddle, there is a great crack right inside the puddle rendering it utterly useless. Also behind the filter bed wall you have done much the same, and this must be also removed.

"2. I have repeatedly spoken to you about this in other parts of the work, but you appear to fail to look after this important matter properly.

"3. Unless the puddle is removed entirely and properly relaid with the earth bank to support it by this evening, I shall remove it and do the work myself at your risk and expense."

The contractors reply that "it is difficult to make banks wherever puddle is laid, and therefore there may remain some portion of puddle without any bank beside it. For the sake of getting mutty for banks, the puddle wall cannot be stopped. As soon as they get mutty they will make the bank."

Mr. Braham refers contractors to clause 31 of specification which they must observe. The bank of a width at least 6 feet must rise along with the puddle.

8th February 1882.—"This is to give you notice to remove the whole of the puddle you have put in behind the Distributing Basin lately down to the foundations . . . I cautioned you to be particularly careful to have this puddle well rammed and tight against the sides of the excavation. I find, however, there are large holes and vacant spaces between the puddle and sides of excavation, and in some places only loose earth thrown in.

*Mr. Reubin to note.*—Both he and the mistry have neglected their duty in properly looking after this work, although I cautioned them before it was commenced to see it was particularly carefully done.

The puddle and earth filling were duly removed.

Mr. Braham again complained in December 1882 of the quality of the puddle.

Under clause 30 of the Articles of Agreement the contractors were requested in November 1882 to appoint 2 mistries of sufficient capacity to look after the concrete, puddle, masonry, &c. Mr. Braham complains that there is no one to receive instructions from the Inspectors, and that this must result in work of inferior description.

16th May 1882.—Contractors requested arrangements to be made to secure them a proper supply of water. Again complaints were made to the contractors on 24th May 1882 ; June 1882 (contractors did not provide for monsoon) ; 11th August 1882 ; 30th October 1882 ; 29th December 1882 ; 27th April 1883 ; 1st May 1883.

Contractors repeatedly complained of the delay caused to them for want of water and were referred to clause 31 of the Articles of Agreement.

Pumping.

31. **The Contractors shall at their own cost and at all times supply an ample amount of pumping power, pumps and machinery to keep the foundations and other works to be executed under this contract perfectly clear of water, and to enable all necessary operations to be promptly and efficiently performed. They shall also supply ample pumping power, pumps, machinery,**

and storage tanks to supply the requisite quantity of water on the site of the works for drinking purposes for the workpeople as also for a sufficient supply for use on the works, and for keeping the works thoroughly wet as shall be required by the Engineer. Vehar water will be supplied to the Contractors free of charge at or near the Police Chowki at the junctions of Mazagon and Mount Roads, the Contractors making their own arrangements for conducting this water on to the site of the works and for erecting the necessary tanks there to store the same, but the Contractors shall at all times be responsible for having the requisite supply of water on the works notwithstanding that the supply from the Vehar main may, during certain hours in the day or night, cease, or, by reason of accident to the main or otherwise, be temporarily suspended, and in case the Contractors shall in the opinion of the Engineer fail to supply a sufficient amount of water, pumping power, pumps, machinery, workpeople, and storage tanks for the purposes above mentioned, then the Engineer shall be at liberty and is hereby authorized at his discretion to provide such pumping power, pumps, machinery, workmen, and storage tanks which he may deem necessary to supply the quantity of water on the site of the works that is in his opinion required, and the Commissioner may charge the expenses incurred thereby to the account of the Contractors and deduct the same from any sum or sums due or to become due to him or recover the same by action at law or otherwise."

Under clause 31 of the Articles of Agreement Mr. Braham employed bhistis at the contractors' expense to water the floors of the filters in February and March 1884, the floors having been allowed to dry in spite of repeated remonstrances.

In April and May 1883 the cement plaster of the floor of the Storage Basin had to be cut and re-made.

The 48″ outlet pipe from the Storage Basin was specified to be bedded in neat cement. Mr. Braham discovered that it was laid in cement and sand. It was removed and rebedded as specified. Mr. Braham severely censured his Inspector in this matter, and the Inspector gave no satisfactory explanation.

33. The sand for the filters must not be too fine. It must be a coarse, granular and siliceous sand with the particles about as fine as small diamonds or bay salt; only such as is approved by the Engineer will be allowed to be used. It must be thoroughly washed and freed from gravel, soil, dirt, or other extraneous matter. Sand for filters.

1,000 brass of sand was sifted and washed as per specification. About 1,400 brass was placed without being washed. The rate to be paid for this unwashed sand was one of the points settled by the Arbitrator referred to below.

8. At the completion of the work the Contractors submitted a bill for extra work amounting to Rs. 1,88,500. The question was settled by Mr. Wilson Bell, M.Inst.C.E., as sole Arbitrator. The Town Council's sanction for the Bhandarwada Project was 10 lakhs of rupees. The actual cost was Rs. 10,51,275. This includes, however, the extras settled by arbitration, and the cost of the land, Rs. 1,33,848, also, which was the subject of litigation. The Reservoir Works cost about Rs. 7,60,000. Arbitration.

The works should have been completed within 28 months of the commencement, that is the end of August 1882. The rock excavation proving greater than they had anticipated, the contractors applied for an extension of time, and in August 1882 an extension was granted to 31st May 1883. The Storage Basin was to be, and was completed, before the 31st December 1882. The whole works were not completed until 1884.

## EVIDENCE OF LEAKAGE.

No. 332 OF 1882.

*7th June* 1882.

Leakage.

TO THE EXECUTIVE ENGINEER.

SIR,—With reference to our conversation of yesterday, I have the honour to inform you that on visiting the Bhandarwada Reservoir on Saturday morning last, the 3rd instant, after the heavy rain of the previous night and while it was still raining heavily, I observed numerous spurts of water issuing from the masonry of the Storage Reservoir.

Some were very small, but on the other hand some were about ⅛in. in diameter, and had sufficient force to project themselves to a distance of 9 or 10 inches from the inside face of the wall. Water was lying all round the outside of the Reservoir walls.—I have, &c.,

JAMES W. SMITH,
Resident Engineer.

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Is the wall to be pointed?
*7th June* 1882. R. W.

---

Returned to the Executive Engineer. There is no provision for pointing in the specification.

JAMES W. SMITH,
*8th June* 1882. Resident Engineer.

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TO THE RESIDENT ENGINEER.

This should be brought up again when Mr. Braham returns; record for the present.
*8th June* 1882. R. W.

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*Record*—The leak is less now than it was, and nothing more than was to be expected from a new rubble wall. It will all stop as the work settles. It occurred only on the last work done, and not in the older portions of the walls.
*7th July* 1882. C. B. BRAHAM.

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HARRINGTON LODGE, MAZAGON,
next to HAMILTON'S HOTEL,
BOMBAY, *28th November* 1885.

TO THE HEALTH OFFICER, BOMBAY.

SIR,—I have the honour to request you to direct one of your European Inspectors to call at my residence either to-day or on the morning of Monday next to inspect the premises which is believed to be damp, and which probably caused the recent attack of fever I suffered, and from which I am now recovering.

APPENDICES.

No apparent cause seems to account for the dampness, and I therefore presume your Inspector will be able, on surveying the place, to trace the immediate cause of it.—I have, &c.,

M. MONDOLFO.

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*Emergent.*

No. 20824 OF 1885-86.

BOMBAY, 13*th January* 1886.

FROM THE EXECUTIVE HEALTH OFFICER,
TO THE MUNICIPAL COMMISSIONER.

There is a most extraordinary flow of water into this compound from 3 points. Springs of water rise, and the flow is considerable. This building may be rendered uninhabitable. At several other points in Mazagon water has appeared : the source of these springs is very curious, and it is possible there may be some connection with the Bhandarwada Reservoir. Water has appeared at the points where it is now observed for the first time during the last 4 or 5 months : there was none before.

T. S. WEIR,
Health Officer.

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No. 13247 OF 1885-86.

Forwarded to the Executive Engineer, Water Works, for the favour of report.

15*th January* 1886.
To be returned.

E. C. K. OLLIVANT,
Municipal Commissioner.

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No. 13406 OF 1885-86.

Returned in continuation of this office No. 13211. It has now been decided to plaster the walls of the Storage Basin and Filter Beds to prevent the dampness of the ground complained of by the tenant of Harrington Lodge.

C. B. BRAHAM, C.E.,
5*th February* 1886. Deputy Executive Engineer.

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No. 14393 OF 26*th February* 1886.

THE MUNICIPAL COMMISSIONER.

SIR,—With reference to correspondence ending with my No. 13406 of the 5th instant, I have the honour to report that the dampness of the ground complained of by the resident of Harrington Lodge, Mazagon, has been now found to have been caused by one of the 48″ mains outside the filter beds between the large and small sluice houses on Bhandarwada Hill having been cracked throughout its length. This broken pipe was the cause of a considerable efflux of water, which, soaking through the Hill, showed itself at the foot. Since the 48″ pipe has been repaired, the cause of the complaint has disappeared.

2. There is not the same necessity to point or plaster the walls of the Filter Beds and Storage Basin as I believed to be the case when reporting to you on the matter under my No. 13211 of the 1st instant, but I think a necessity for the work still exists as it is highly desirable that the bungalows and huts which are at the foot of and surround the Hill shall have no cause whatever to complain of their properties

being in any way deteriorated in consequence of the Municipal Works at Bhandarwada Hill.

3. The work is progressing satisfactorily, and will be completed shortly by the Contractor.—I have, &c.,

C. B. BRAHAM.

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BHANDARWADA RESERVOIR,

*12th January* 1886.

To R. G. WALTON, ESQ.,
Executive Engineer, Municipality, Bombay.

SIR,—I beg most respectfully to bring to your notice that on Saturday afternoon the 9th instant, I noticed that there was a slight leakage from the Storage Reservoir through the bottom of the north-west corner. I was then obliged to keep myself watching over it every now and then.

The leakage commenced increasing gradually, and the water began to flow through the drain at midnight.

I then proposed to lower down the height of water in the Storage Reservoir by giving the supply to the city from it on the morning of Sunday the 10th instant; when this was done the leakage began to stop by degrees, and there is not a single drop of water coming out from the Reservoir since then, and the leakage has been entirely stopped.—I have, &c.,

KRISHNA KESHOWJI,
Inspector, Bhandarwada Reservoir.

Record.—5-2-84—C. B. B.

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*24th June* 1886.

FROM SUPERINTENDENT, WATER WORKS,
TO DEPUTY EXECUTIVE ENGINEER, WATER WORKS.

SIR,—I beg to report that the walls of the Distributing Reservoir at Bhandarwada all round the hillside, as well as the portion towards Wari Bunder, in fact all the outside walls, are leaking very much from outside, *i.e.*, the rain-water from behind the walls, finding its way through the walls in heavy rains, some being more than ½ in. bore.

If the rain-water from outside can find its way through the walls into the Reservoir, it necessarily follows that the water from inside (when the Reservoir is full) must find its way through the same passages outside; as there are a very large number of leaks (considerably over 100), I would suggest that the Deputy Executive Engineer inspect the Reservoir personally as the Municipal Commissioner (who visited the Reservoir this morning) is anxious to know whether it will be necessary to plaster the walls on both sides.—I have, &c.,

H. WATSON.

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Record.—9-7-86.—S. T.

*25th October* 1886.

Inspector G. Moore reports that "when the height of water in the Distributing Reservoir rose to a little above a level of 10 feet, three new leaks have appeared—two on the eastern side and one on the side where the night-soil depôt is. The foundations excavated by the contractor for building the boundary wall is quite flooded, and the water is running across the road. It would in my humble opinion be expedient if you would come and look at these leaks personally.

"I have at present 12′ 9″ of water in the Distributing Reservoir." Record—30-10-86—S.T.

In May and June 1886 levels were taken of the water in several wells in the locality of the Reservoir, and they have been observed frequently since that time. The level of water of several wells fluctuates with the rise and fall of the water in the Storage or Distributing Basin. When the water in the Distributing Basin rises above 9 to 10 feet, several small streams break out at the foot of the hill. These observations confirm the popular statements of the leakage from the Reservoir, but they do not give us any indication of the absolute quantity that is lost. I have, therefore, not inserted the gaugings of the wells.

On the 25th June 1886 instructions were given to keep the level of water in the Storage Basin at 26′ 6″ or lower. On the 2nd July after very heavy rain during the previous night, there were 3 small weeps on the northern, 2 on the eastern, and 1 on the western side of the Storage Basin. On the 7th July the weepings were the same. The Distributing Basin now contained 9′ 0″ of water and was losing daily.

TABLE No. I shews the loss of water from the Distributing Basin between the levels of 9 feet and 6 feet in October 1885.

TABLE No. II shews the gaugings in July and August 1886.

TABLE No. III shews the daily loss in June and July 1888.

## Table I.

STATEMENT shewing the Height of Water in the Distributing Reservoir, 1885.

| Date and Month. | Height of water level in Distributing Reservoir. | | Difference. | Time. | REMARKS. |
|---|---|---|---|---|---|
| 1885. | Feet. | Inches. | Inches. | | |
| October 17 | 9 | 1 | ..... | Heights of water level were taken at 7 A.M. | |
| „ 18 | 8 | 11 | 2 | | Sunday. |
| „ 19 | 8 | 9½ | 1½ | | |
| „ 20 | 8 | 6 | 3½ | | |
| „ 21 | 8 | 3 | 3 | | |
| „ 22 | 7 | 11½ | 3½ | | |
| „ 23 | 7 | 8 | 3½ | | |
| „ 24 | 7 | 5½ | 2½ | | |
| „ 25 | 7 | 3 | 2½ | | Sunday. |
| „ 26 | 7 | 0½ | 2½ | | |
| „ 27 | 6 | 10½ | 2 | | |
| „ 28 | 6 | 8½ | 2 | | |
| „ 29 | 6 | 7 | 1½ | | |
| „ 30 | 6 | 5 | 2 | | |

Fall of water in Distributing Reservoir 2·46 inches in 24 hours.

## Table II.

Shewing the Height of Water in the Distributing Basin, 1886.

| 1886. | Height of water. Ft. | in. | Loss in 24 hours. |
|---|---|---|---|
| July 8 | 8 | 10 | |
| „ 9 | 8 | 8 | 2″ |
| „ 10 | 8 | 6 | 2″ |
| „ 17 | 8 | 9 | +3″ in 7 days; some water admitted. |
| „ 18 | 8 | 7¾ | 1¼″ |
| „ 19 | 8 | 5 | 2¾″ |
| „ 21 | 8 | 2½ | 2½″ in 2 days. |
| „ 24 | 8 | 1 | 1½″ in 3 days. |
| „ 26 | 7 | 9½ | 3½″ in 2 days. |
| „ 27 | 7 | 8¼ | 1¼″ |
| „ 28 | 7 | 6¾ | 1½″ |
| „ 29 | 7 | 5½ | 1¼″ |
| Aug. 1 | 7 | 1½ | 4″ in 3 days. |
| „ 2 | 7 | ¼ | 1¼″ |
| „ 3 | 6 | 11 | 1½″ |

| 1886. | Height of water. Ft. | in. | Loss in 24 hours. |
|---|---|---|---|
| Aug. 4 | 6 | 10 | 1″ |
| „ 7 | 6 | 6⅞ | 3⅛″ in 3 days. |
| „ 8 | 6 | 5¾ | 1⅛″ |
| „ 9 | 6 | 4¾ | 1″ |
| „ 10 | 6 | 3½ | 1¼″ |
| „ 11 | 6 | 2¾ | ¾″ |
| „ 12 | 6 | 1½ | 1¼″ |
| „ 13 | ..... | | Rain was falling. |
| „ 14 | ..... | | Do. |
| „ 15 | ..... | | Do. |
| „ 16 | 5 | 11 | |
| „ 17 | 5 | 10½ | ½″ |
| „ 18 | 5 | 9¾ | ¾″ |
| „ 19 | 5 | 9 | ¾″ |
| „ 20 | 5 | 8½ | ½″ |
| „ 21 | 5 | 8 | ½″ |

## Table III.

Shewing the Fall of Water of the Distributing Basin in 24 hours in 1888.

| 1888. | Height. Ft. | in. | Fall in 24 hours. Inches. |
|---|---|---|---|
| June 22 | 13 | 4 | ... |
| „ 23 | 12 | 10 | 6 |
| „ 24 | 12 | 6 | 4 |
| „ 25 | 12 | 1 | 5 |
| „ 26 | 11 | 8 | 5 |
| „ 27 | 11 | 3 | 5 |
| „ 28 | 10 | 10 | 5 |
| „ 29 | 10 | 6 | 4 |
| „ 30 | 10 | 3 | 3 |
| July 1 | 10 | 0 | 3 |
| „ 2 | 9 | 9 | 3 |
| „ 3 | 9 | 5 | 4 |
| „ 4 | 9 | 2 | 3 |

| 1888. | Height. Ft. | in. | Fall in 24 hours. Inches. |
|---|---|---|---|
| July 5 | 8 | 11 | 3 |
| „ 6 | 8 | 8 | 3 |
| „ 7 | 8 | 5 | 3 |
| „ 8 | 8 | 2 | 3 |
| „ 9 | 8 | 0 | 2 |
| „ 10 | 7 | 9 | 3 |
| „ 11 | 7 | 6 | 3 |
| „ 12 | 7 | 3 | 3 |
| „ 13 | 7 | 1 | 2 |
| „ 14 | 6 | 11 | 2 |
| „ 15 | 6 | 10 | 1 |
| „ 16 | 6 | 9 | 1 |
| „ 17 | 6 | 8 | 1 |

It will be observed from the last table that the leakage is at the rate of 6″ per day when the Basin contains 13′ 0″ of water. At 15′ 0′ the leakage would doubtless be greater, but the Basin has never been filled to that height. As the level falls, the leakage decreases to 3″ at 8′ to 9′ 0″ depth of water, at which it has for the last two years usually been kept.

When the Basin contains 13′ 0″ of water, the leakage is about 250,000 gallons per day. At 9 feet 125,000 gallons per day. At 15 feet probably 300,000 gallons per day.

The Storage Basin on the 2nd November 1885 fell from 13′ 8″ at 9 a.m. to 13′ 6″ at 6 p.m.; 2″ in 9 hours equal to 5·3″ per day. I believe the gauging was not continued for a period long enough to arrive at a sound conclusion. If taken from 9 a.m. to 5 p.m., the leakage works out at 3″ per day only.

## APPENDICES.

The following gaugings were taken in June 1888:—

| Date. | Depth of Water. Feet. | Inches. | Loss in 24 hours. Inches. |
|---|---|---|---|
| June 13 ... | 28 | 11 | |
| „ 14 ... | 28 | 4 | 7 |
| „ 15 ... | 27 | 11 | 5 |
| „ 16 ... | 27 | 6 | 5 |
| „ 17 ... | 27 | 1 | 5 |
| „ 18 ... | 26 | 8 | 5 |
| „ 19 ... | 26 | 3 | 5 |
| „ 20 ... | 25 | 10 | 5 |
| „ 21 ... | 25 | 6 | 4 |

The Basin contains 30′ 0″ of water when full to overflowing. At 28′ 6″ of water the leakage is 190,000 gallons per day. At 25′ 6″ the usual high water level for the past two years, 100,000 gallons.

*The Filters.*—The gaugings taken of the fall in the 5 filters shew that the average leakage is at the rate of 2·3″ per day. As the water leaks from one filter to another through the partition walls, the filters cannot be separately gauged with accuracy. Filter No. 6 falls more quickly than the others, the gaugings shewing 4·4″ per day.

The total leakage from the filters is :—

| | | |
|---|---|---|
| Filter No. 6 ... ... | 36,400 | gallons per day. |
| Do. Nos. 1 to 5 ... | 95,600 | „ „ |
| Total ... | 132,000 | gallons per day. |

The summary of the leakage is :—

| | When fu . | As worked, 1886-88, per day. |
|---|---|---|
| | Galls. | Galls. |
| Distributing Basin ... ... | 250,000 | 125,000 |
| Storage Basin ... ... ... | 190,000 | 100,000 |
| Filters ... ... ... | 132,000 | 132,000 |
| Total ... | 572,000 | 357,000 |

### REPAIRS IN 1886.

10. After the receipt of the letters quoted in the preceding chapter Mr. Braham on the 1st of February 1886 requested the sanction of the Municipal Commissioner to the *pointing* (subsequently changed to *plastering*) of the faces of outer walls of the Filters and the inner face of the Storage Basin wall. The estimated cost was Rs. 7,000.

The Municipal Commissioner, after satisfying himself that the work was necessary, applied to the Town Council on the 3rd February to sanction the expenditure, and their sanction was accorded on that day. The work was entrusted to the annual repairs contractor and provided for the raking out of the joints one inch in depth, the washing of the wall with a solution of "Hurda Googul" and "Jagree"; a rendering of mortar (1 chunam to 1 sand) 1 inch in thickness, well beaten with Taptees. After the surface had been roughened, a rendering of $\frac{1}{4}$ inch neat Portland cement was to be applied and rubbed to an even surface.

The work was commenced in February and was continued until the filter walls were completed. When the time came in May for emptying the Storage Basin, it was reported that the supply to the city could not be maintained without it, and the work was stopped. About 2,000 feet of pointing was done in the Distributing Basin at this time.

In May, shortly after the stoppage of this work, I arrived and being satisfied that the work was not likely to prove effectual, it was not, with Mr. Walton's concurrence, resumed. The Storage Basin, Filters and Distributing Basin were shortly afterwards put into use, the water being kept a few feet below high water level, and the supply has been regularly given since that time. The whole of the water has usually passed *over* the filters but not the whole of it *through* them. They are much too small to filter the whole quantity.

COMPARATIVE COST OF DIFFERENT WORKS.

11. It is within the province of this discussion to compare the cost of similar walls.

The rubble masonry in this case cost :—

With Municipal Stone..... Rs. 13 per 100 c.ft.
With Contractor's „ ..... „ 18 „

| | Rs. | a. | p. |
|---|---|---|---|
| At Malabar Hill Reservoir—Municipal stone, but paid for ..... | 16 | 0 | 0 |
| At Prince's Dock ..... | 25 | 12 | 0 |
| With allowance for facing ..... | 34 | 12 | 0 |
| At Victoria Dock—Rubble in pumice mortar..... | 25 | 8 | 0 |
| Ordinary mortar ..... | 22 | 0 | 0 |
| With allowance for composite facing ... | 31 | 0 | 0 |

The rates for masonry per 100 c.ft. of wall, as actually used and paid for, is thus about—

| | | Rs. 13 as basis. | Rs. 18 as basis. |
|---|---|---|---|
| Bhandarwada—Municipal Stone as actually used (Rs. 13+1 allowance) | 13 | 100 | 72 |
| | 18 | 138 | 100 |
| Malabar Hill ..... | 16 | 123 | 89 |
| Prince's Dock..... | 34·75 | 267 | 193 |
| Victoria Dock ..... | 31 | 238 | 172 |

These figures speak for themselves. The Municipality has paid for its Malabar Hill Reservoir at less than half the rate of Prince's Dock walls. And for its Bhandarwada Reservoir 58 per cent. only of the cost of the work at the Victoria Dock per 100 c.ft. of wall.

I am well aware of the danger of comparing the cost of works designed for different purposes, but I do not think the same objection applies so strongly to rates for similar work. In the cases quoted I think the comparison is still more in favour of the Municipality, because the *locale* of the Docks is favourable for materials.

Subject to whatever allowances may be thought necessary, the following are the actual costs of 1 foot in length of the different walls :—

| | Depth of Water. Ft. | in. | Area. Sq. ft. | Rs. | Cost per foot in length. Rs. | Per cent. |
|---|---|---|---|---|---|---|
| Malabar Hill..... | 18 | 0 | 137 at | 16 | 21·92 | 100 |
| *a.* Bhandarwada ..... | 30 | 0 | 373 at | 14 | 52·22 | 238 |
| Prince's Dock ..... | 33 | 6 | 469 at | 34·75 | 163·00 | 744 |
| Victoria Dock ..... | 35 | 6 | 529 at | 31 | 163·00 | 744 |

*a.* This was the rate actually paid, but the stone was got from the excavations and was the property of the Municipality. The rate for work with contractor's stone was Rs. 18, and the cost per foot running would have been Rs. 67-14.

## APPENDICES.

TABLE No. IV. gives the capacity and cost per 100,000 gallons of several Service Reservoirs in different places. It will be seen that the average cost of 23 works is at the rate of £500 per 100,000 gallons stored. This does not include the provision of filters. The Malabar Hill Reservoir is not only fully roofed over, but has filters also. The capacity is 24,000,000 gallons. The cost at the rate just quoted would be £120,000, say, nominal Rs. 12,00,000. The actual cost, including filters, has been about Rs. 7,00,000 ; without filters, under Rs. 6,00,000. The Bhandarwada Works contain 18,450,000 gallons, and the cost at £500 per 100,000 gallons would be £92,250 or say Rs. 9,22,500. The actual cost, including land and filters, was Rs. 7,60,000; without filters (Rs. 2,60,000), say Rs. 5,00,000. The Storage Basin is however open.

It thus appears that the two Service Reservoirs of the Municipality have been constructed very cheaply, compared with other works of a similar kind ; and I believe the cheapness and partial defectiveness occupy almost the positions of cause and effect.

### DIFFICULTY OF MAKING STRUCTURES WATERTIGHT.

12. The difficulty experienced in making Reservoirs and Tanks watertight arises from the physical properties of matter, and is therefore not lightly got over.

Water possesses considerable specific gravity which causes it to exercise great pressure, and at the same time it possesses a splendid mobility. These two properties combine to make its power of escape from any vessel very great : the difficulty is to secure a structure of sufficient strength and impermeability by a practicable expenditure of money.

It is generally held that all matter is built up of molecules of extremely minute dimensions. In a simple substance or element therefore there must be spaces of greater or less extent between these ultimate molecules, whether in a solid or liquid condition, the molecules cohering together. In any other than an element and more especially in all building materials, such as stone, brick and lime, there are several constituents and the porosity is greatly increased, because there is now also not only the cohesion of similar particles but the adhesion of dissimilar particles introduced. The porosity of building stones and materials differs widely. In the case of unglazed bricks, for example, there is no difficulty in a person maintaining a pressure of 2 or 3 inches of water after forcing the current of air from his lungs through the brick. They freely absorb water as every one knows, and under pressure they freely exude water. From this extreme porosity there are all characters up to the almost impermeable basalts and granites which scarcely absorb any water at all. These last are the most suitable materials for masonry, subject to hydrostatic pressure, provided a cementing material of equally suitable quality can be met with.

I need scarcely say that cementing materials differ widely in character, and the very greatest care is necessary to prevent failure and disappointment. The most reliable cement known is undoubtedly Portland cement, which is a prepared calcined mixture of lime and clay. Not only is it the best cementing material, but of itself only it forms a strong artificial, and almost impervious, stone. The great advantage, it seems to me, of Portland cement as a cementing material for

fine grained stone, such as basalt, lies in the extreme fineness of its particles, almost the whole of which in the best cement will pass through a sieve of 2,500 meshes to the square inch. The use of Portland cement is however more costly than lime especially in this country where freights alone double its cost, and the use of the natural limes of the country will be largely continued. The results in various cases will depend upon the quality of that lime.

The face of a wall is usually dealt with in a special manner either by plastering the whole face of it or by pointing the joints.

As has been remarked, glazing or plastering is absolutely necessary over brickwork which is so notoriously porous. The case is different, it seems to me, with the faces of walls built with almost impervious basalt. No plaster can improve the stone itself, and as compared with pointing in such a case I believe plastering is inferior in its durability and effectiveness besides being much more costly. My reasons for saying this are :—

1. Under the extreme changes of temperature and condition a large surface of plaster is certain to crack. Any failure involves not only the disturbance of the plaster immediately concerned, but affects, through the continuity of the plaster, the surrounding work.
2. In the case where any back pressure is liable to occur through the accumulation of water outside a wall. In the case of pointing the water might force its way out at one or two points leaving the other parts unimpaired. In the case of plaster the result would probably be the dislodgement of a considerable area of surface.
3. In the usual case of almost vertical walls. Whilst pointing rests securely within the joint and has the full advantage of both adhesion and gravitation to keep it there, plastering on the other hand is under the adverse influence of gravity, and this tendency is only resisted by its adhesion to the surface of the wall and the locking of the joints.
4. The chances are that in actual work the materials will be better forced into and pressed against the surfaces of the stone by pointing than by plastering, and the joints only require attention.
5. Pointing is more easily repaired if it should become damaged from any cause.

These are the theoretical considerations which have influenced me in making the recommendations which follow : practical experience, no less strong, of the contrary practice can be seen on the works.

REMEDIAL MEASURES.

13. *Storage Basin.*—The walls of this Basin undoubtedly leak. They are not pointed now, and I should recommend pointing, with neat Portland cement, the whole of the inner face of the walls. There is only one consideration which militates against this being likely to prove effective : this is the back pressure of rainwater outside, which finds its way into the Basin when the water is low. If this pressure should become considerable and the volume, seeking escape, large, the pointing would very probably be forced out of the joints. The alternative would be either a new concrete wall, at a cost

of Rs. 70,000, inside or the toleration of what leakage may take place. The cost of pointing is estimated at Rs. 4,605.

The floors formed of only 18″ of lime concrete with plaster should be strengthened. The plaster had to be re-made during the contract, and it may not now be intact. A bed of 9″ of cement concrete would cost Rs. 27,000.

14. *Distributing Basin.*—The recommendations in this case must be subject to modification in detail when the work is in progress, because it appears the work was not carried out according to the contract drawings, but was modified during the execution of the work. It is not probable, however, that the estimate herein given will be exceeded.

The walls in this case were pointed subsequently to the completion of Messrs. Ellapa Ballaram & Co.'s contract. There is, however, the accumulation of a part of the hill water to deal with, and it appears the contingency suggested in the preceding paragraph has here occurred. The pointing might be efficient so far as to prevent the water from escaping from the Basin, but has not been able to withstand the back pressure from outside. I recommend the removal of the whole of the puddle backing from the walls and the placing of Portland cement concrete in substitution thereof. The cost of this, including the removal of puddle, is estimated at Rs. 88,417-8-0.

The inner face of the walls should be repointed in neat cement after the concrete wall outside is completed. The cost of the pointing is estimated at Rs. 4,095.

The floor should receive a layer of 9″ of cement concrete, in addition to its present depth of 12″. The cost of this will be Rs. 45,000.

15. *Filters.*—To deal effectually with the filters will involve the removal and replacing of the sand, gravel and brick drains. Before replacing the sand, it should be well washed. The cost of this is estimated at Rs. 11,520.

The floors should then receive 6″ Portland cement concrete as an addition to its present 9″. This will cost Rs. 36,000.

The walls should all be pointed on both faces where exposed, the cost being estimated at Rs. 1,695.

Where the plaster of the walls is broken or defective, it should be replaced by pointing, and the cost of this may be Rs. 700.

I believe if these works be carried out and the materials and workmanship be good, the leakage will be, practically, prevented; except, possibly, for the walls of the Storage Basin as explained under that head.

16. The question of extending the filters over the Storage Basin and storing only filtered water in the latter should be discussed along with these remedial measures. The quantity of water delivered by the 32″ main is about 7,000,000 gallons per day.

| | | |
|---|---|---|
| The area of sand required to deal with this at the rate of 4″ per hour or 50 gallons per sq. foot per day is. | 140,000 | sq. feet. |
| Allow $\frac{1}{6}$th for cleansing..... | 23,000 | „ |
| | 163,000 | „ |
| The present filters have an area of ..... | 96,000 | „ |
| Deficiency ..... | 67,000 | sq. feet. |

If the Storage Basin be covered and filters provided over it, this would provide an additional area of 52,500 sq. feet, leaving a deficiency of 14,500 square ft., when ¼th of the area is being cleansed and the full area required when the whole of the filters are simultaneously at work. Looking at the very great expense of cutting away the hill to provide for the filters, I should be inclined to make the best of the 52,500 feet over the Storage Basin. The estimated cost of this addition is Rs. 1,44,400.

The summary of cost of repairs and filters is :—

## Summary of Estimates of Cost of proposed Works.

| | Rs. | a. | p. |
|---|---|---|---|
| Pointing the whole of the inner face of the Storage Basin walls in neat cement | 4,605 | 0 | 0 |
| Pointing Walls of Filters | 1,695 | 0 | 0 |
| " " " where plaster is damaged or defective | 700 | 0 | 0 |
| Pointing inner face of Distributing Basin wall | 4,095 | 0 | 0 |
| Replacing puddle outside walls of Distributing Basin with Portland cement concrete | 88,417 | 8 | 0 |
| Portland cement concrete on floors— Storage Basin 9" / Distributing Basin 9" / Filters 6" | 1,08,000 | 0 | 0 |
| Removing and replacing filtering materials | 11,520 | 0 | 0 |
| | 2,19,032 | 8 | 0 |
| 10 per cent. Contingencies and Establishment, say | 21,967 | 8 | 0 |
| Total | 2,41,000 | 0 | 0 |
| Additional Filters over Storage Basin, 52,500 sq. ft. | 1,44,400 | 0 | 0 |
| Total Rs. | 3,85,400 | 0 | 0 |

I have, &c.,
S. TOMLINSON, C.E.

APPENDICES.

## Table No. IV

### Shewing Cost of Service Reservoirs.

(Sir Robert Rawlinson's Tabulation, Inst. C.E., Vol. LXXIII.)

| No. | Name of Reservoir. | Dimensions. Length. | Breadth. | Depth. | Capacity. Gallons. | Cost. £ | Cost per 100,000 gals. £ |
|---|---|---|---|---|---|---|---|
| 1. | Plumstead Common | ... | ... | ... | 650,000 | 3,442 | 529·5 |
| 2. | Constitution Hill | 120 | 35 | 13 | 300,000 | 1,948 | 649·3 |
| 3. | Chislehurst | ... | ... | 11 | 450,000 | 2,246 | 499·1 |
| 5. | Woolwich Common | 200 | 100 | 12 | 1,500,000 | 5,500 | 366·7 |
| 6. | Telegraph Hill | 200 | 100 | 14 | 1,750,000 | 5,280 | 301·7 |
| 7. | Cowlass Hill | 125 | 125 | 15 | 1,400,000 | 8,207 | 586·4 |
| 8. | Kilburn | 300 | 175 | 20 | 6,000,000 | 23,000 | 383·3 |
| 9. | Hampton | 240 | 155 | 12 | 2,750,000 | 8,000 | 290·9 |
| 10. | Burton-on-Trent | 224½ / 229½ | 145⅝ / 158⅝ | 21 | 4,000,000 | 15,000 | 375·0 |
| | | | | | | | 3,981·9 |
| | | | | | | | £ 442·4 |

OTHER EXAMPLES.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Kettering | ... | ... | ... | 200,000 | 1,100 | 550·0 |
| 2. | Sudbury | 55 | 55 | 15 | 300,000 | 900 | 300·0 |
| 3. | Wolverhampton, 1851 | 143½ | 79½ | 13 | 1,500,000 | 2,602 | 173·5 |
| 4. | Ditto 1882 | ... | ... | ... | ... | ... | 392·0 |
| 5. | Widnes | 330 | 240 | 20 | 10,000,000 | 38,973 | 389·7 |
| 6. | Baggerton (not covered) | 110 | 110 | 18 | 1,500,000 | 3,000 | 200·0 |
| 7. | Bradford, Wiltshire | ... | ... | ... | ... | 1,200 | 400·0 |
| 8. | Darmstadt | 160 | 72 | 13 | 900,000 | 8,400 | 933·3 |
| 9. | Woolwich (Sewage) | ... | ... | North | 35,000,000 | 172,000 | 491·4 |
| | | | | South | 24,000,000 | 123,000 | 512·5 |
| 10. | Sir R. Rawlinson's Estimate | ... | ... | ... | ... | ... | 500·0 |
| 11. | Peterboro' | 120 | 89½ | 16 | 1,000,000 | 7,357 | 735·7 |
| 12. | Croydon | 74 circular | ... | 35 | 900,000 | 3,379 | 375·4 |
| 13. | Port Elizabeth | 136½ / 136½ | 71½ / 71½ | ... | 1,250,000 | 15,392 | 1,231·4 |
| | | | | | | 14) | 7,284·9 |
| | | | | | | | £ 520·3 |

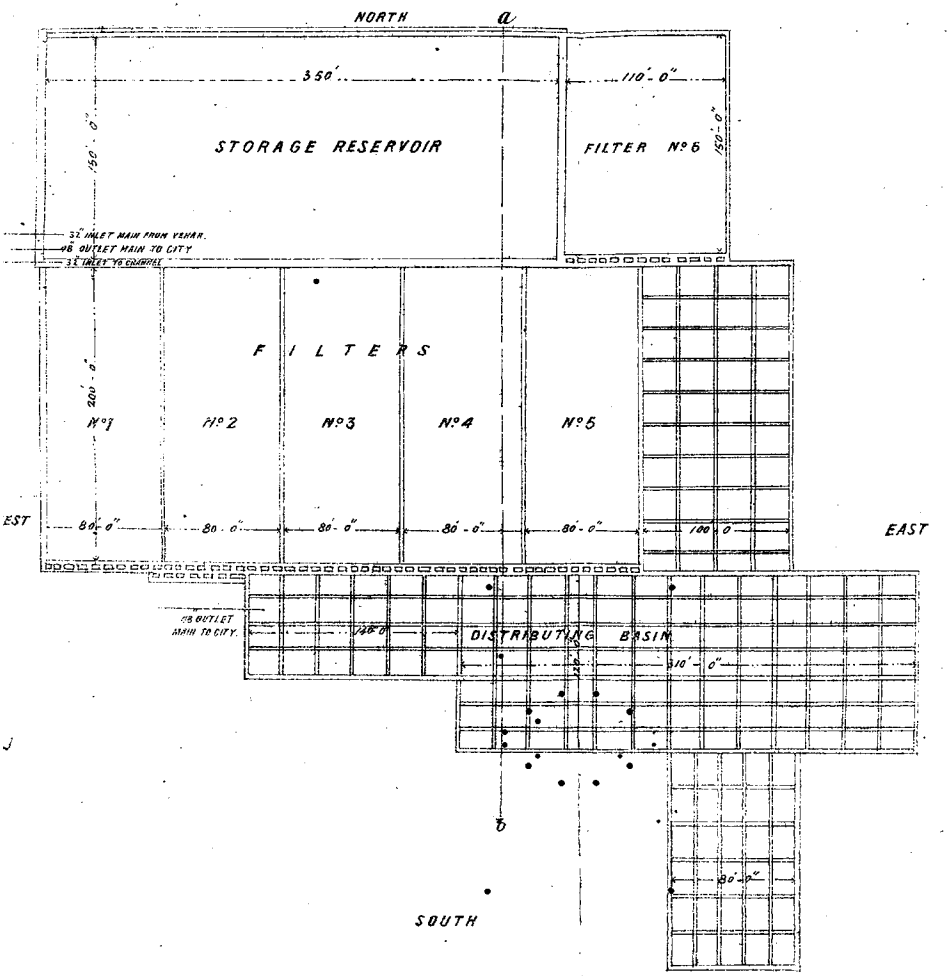
## Table No. V.

### Cost of Bhandarwada Water Works.

| | Rs. | a. | p. |
|---|---|---|---|
| Ellapa Ballaram & Co., Contractors for the construction of the Reservoir | 6,14,166 | 13 | 3 |
| Bhedwar & Co., Contractors for laying 48" and 32" mains | 40,712 | 4 | 7 |
| Iron Work from England | 2,43,396 | 7 | 1 |
| Compensation for ground (including Rs. 1,15,000 paid for the Hill to Mr. Purmanundas) | 1,33,848 | 0 | 0 |
| | Rs. 10,32,123 | 8 | 11 |
| Contingencies and Establishment ... | 19,151 | 3 | 8 |
| Total Rs. ... | 10,51,274 | 12 | 7 |

N°1

# GENERAL PLAN OF BHANDARWADA RESERVOIR

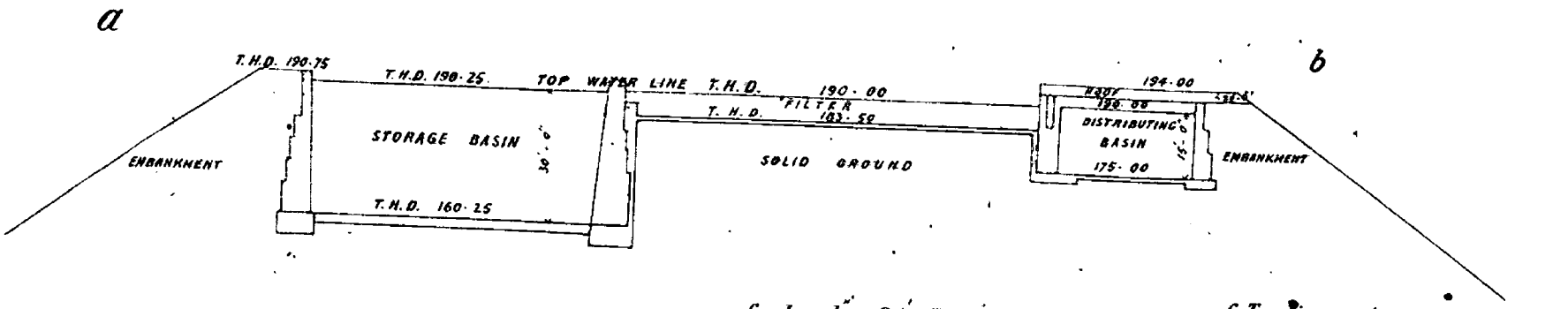



Scale 80 Feet to one Inch.

S. Tomlinson, Assoc. M. Inst. C.E.
10th July 1888

# GENERAL CROSS SECTION ON LINE a.b.

Nº2

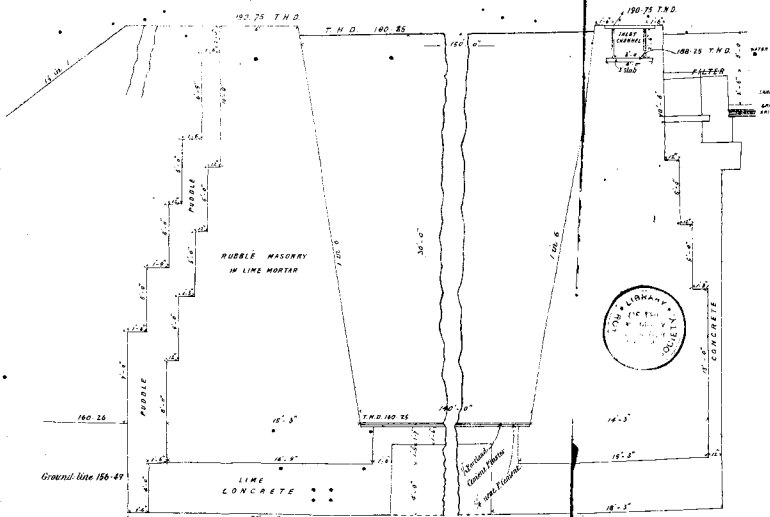



Scale 1" = 80' Hor:
1" = 40' Vert:

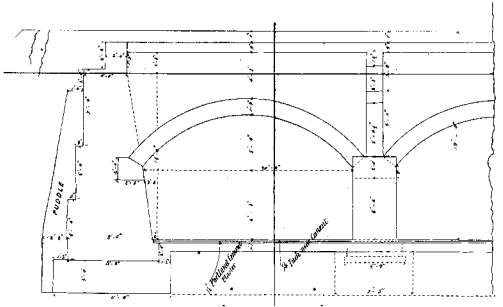
S. Tomlinson, Assoc. M. Inst. C.E.
10th July, 1888.

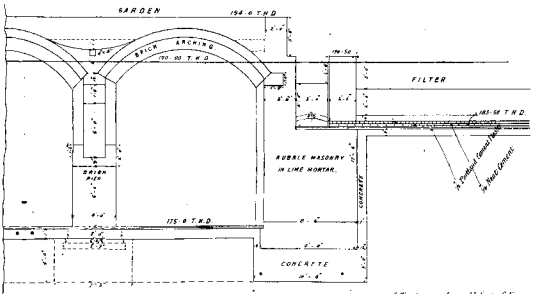
CROSS SECTIONS OF WALLS OF STORAGE BASIN.
COPIED FROM CONTRACT DRAWINGS.

No 3



# SECTIONS OF DISTRIBUTING BASIN SHEWING ROOF COPIED FROM CONTRACT DRAWINGS.




Scale 5 Feet to an Inch.

S. Tomlinson. Assoc. M. Inst. C.E.
10th July 1848.

# Second Report on the Leakage of the John Hay Grant Reservoir.

LETTER from MAJOR H. O. SELBY, to the SECRETARY, TOWN COUNCIL, dated 24th July 1888, together with SECOND REPORT of the DEPUTY EXECUTIVE ENGINEER, in charge Water Works, to the ACTING MUNICIPAL COMMISSIONER.

TO THE SECRETARY TO THE TOWN COUNCIL.

SIR,—With regard to item No. 22 of the paper of agenda for to-day's meeting, I desire to place the following remarks and questions on record with reference to the John Hay Grant Reservoir :—That there has been a grave failure in the matter of this Reservoir, will not, I think, be seriously contested by anybody, seeing that within four years of its completion it is proposed to spend Rs. 2,41,000 in remedial measures on a Reservoir that originally cost only Rs. 9,00,000 odd. The following questions then, seem to me to arise :—(*a*) Who was responsible for this failure to ensure good work? (*b*) Was the original design a good one? (*c*) Was the contractors' tender recommended for acceptance; and, if so, by whom? (*d*) Did the Town Council or the Corporation by declining to accept the advice of their executive in any material way relieve the executive of responsibility? (*e*) Are the proposed measures good, and should they be recommended to the Corporation? I will now these questions *seriatim*.

2. First, then, who is responsible? Now it seems to me idle to attempt to prove that the contractors are, for the very object of having an executive over contractors, is to prevent them from doing bad work, nor is it sufficient to show that the officers in charge issued orders; their business was not merely to issue orders against bad work, but to insist on those orders being obeyed, and, if necessary, to terminate the contract. Did they, as a matter of fact, ever recommend this course? Passing then, from the contractors to the Municipal executive, Section 42 of the Municipal Acts of 1872 and 1878, lays down that the "*entire*" executive power and *responsibility* is vested in the Municipal Commissioner—"42. The *entire* executive power and responsibility for the purposes of this Act shall be vested in one Commissioner"—so that even if the engineers were inclined to neglect their duty, they did so on the responsibility of the Municipal Commissioner, and it was his duty to see that they did not. On this point, I will quote the words of the Hon. Mr. Pherozesha M. Mehta as given on page 204 of the *Bombay Government Gazette*, Part V., dated 3rd May 1888 : "To have a Deputy Municipal Commissioner would be to mar and destroy the integrity of the constitutional principle on which so much stress has always been laid, *viz.*, that there shall be a *sole* Municipal Commissioner vested with full executive power and responsibility. The essential part of the principle lies in the executive officer being the sole officer, *so that responsibility may unquestionably attach to him.** To give him another officer to whom he can make over certain general duties would be certainly to divide that responsibility; and divided responsibility is no responsibility at all. It would thus be a grave infringement of a most important costitutional principle, and I view with alarm all trifling with important constitutional principles." I entirely agree with Mr. Mehta that in *law* the Municipal Commissioner is solely responsible, and those who accept the law as good must, I think,



* These italics are mine in this case.

apply it in this case. As is well known, I do *not* think the law good, and I hold, rightly or wrongly, that, so far from fixing responsibility, it really has exactly the contrary effect, since it pretends to fix responsibility on one who, as in this case, no one will be bold enough to say is responsible in fact. If the law be sound, then, beyond all contradiction the Municipal Commissioner, and the Municipal Commissioner alone, is responsible for this grave failure; if he be not solely responsible, then the law which makes him so cannot be good. I myself hold the law to be unsound, and I think that the Engineering Department did not, so far as the papers before me go, exercise proper supervision; but I should like to hear anything they have to say before coming to any final decision. Nor do I see how, in the face of the law, the Corporation can logically censure them, even supposing that the Corporation deemed that there was a necessity for so serious a step without passing a still graver censure on the Municipal Commissioner.

3. With regard to the next question, I should like Mr. Tomlinson's opinion obtained in writing about the original design. I should particularly like his views on the following points:—On what was the flooring laid? I mean what kind of ground? Was it permeable? If rock, had it fissures? If so, were the fissures stopped before the floor was laid? Does Mr. Tomlinson consider that, taking its area and the depth of water, it was sufficiently thick and strong? Does Mr. Tomlinson consider that the puddle wall was sufficiently thick, and that it was carried down sufficiently low?

4. This question can, I suppose, be answered by the Municipal Commissioner, or from the Town Council records. I have no copy of these except for the last two years.

5. A similar remark applies to this question. I cannot see from the papers before me that the Corporation have ever declined in this case to sanction anything that they were asked to sanction. Did the Town Council decline to sanction any establishment that they were specifically asked to sanction, and which the executive declared to be essential? If so, when and under what circumstances?

6. With regard to the remedial measures, I have considerable faith in Mr. Tomlinson, and I should much like him to say, whether it would not be well to empty the Reservoir and see if the floor be not cracked. If this prove to be so, does he not think the best plan would be to break it up and re-lay it?

7. There are many other points which I can deal with verbally at the Town Council meeting. The comparison with Port Trust work does not seem to me to the point, for quite apart from the different conditions to be satisfied, the Port Trust work is, I believe, good, and the work in the Reservoir is admittedly bad; and if the rates were so low as to preclude good work, the responsibility lies on those who recommended the estimates and rates to the Town Council and the Corporation.—I am, &c.,

H. O. SELBY.

24*th July* 1888.

*P. S.*—It is perhaps necessary for me to say for the hundredth time that I quite see the necessity for a whole time officer; but he should not be executive, and certainly should not be in such a position as to prevent responsibility resting directly on those who ought to bear it. He should, in fact, be like the Chairman of the Port Trust, or the agent of a guaranteed railway company.

H. O. S.

APPENDICES.

No. 2300 of 1888-89.

EXECUTIVE ENGINEER'S OFFICE,
WATER WORKS DEPARTMENT,
BOMBAY, 31*st July* 1888.

From S. TOMLINSON, Esq., ASSOC. M. INST. C.E., F.R. MET. SOC.,
Deputy Executive Engineer in charge Water Works,

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner.

## Second Report on the Condition of the John Hay Grant Reservoir.

SIR,—I have the honour, as verbally directed by you on the 26th instant, to report on the points raised by Major Selby in his minute on the John Hay Grant Reservoir, submitted to the Town Council on the 25th instant.

2. I should not describe the works as a "great" or "grave" failure. The works, so far as I know, are perfectly stable, and, as connected with docks, railways, streets, would be properly described as good. The failure only commences when we deal with their watertightness. In this respect (of course the most important in this case), they are imperfect; but 270,000 square feet of surface do not pass as much water as would one three inches pipe passed through the bottom of the Storage Basin wall; nor, for example, is the leakage more than is stopped every two months by the Waste Prevention Department at a cost of about Rs. 3,000. The misconception on the point of what must be the condition of the works cannot be better illustrated than by Major Selby's not being surprized (as expressed in the meeting of the Town Council) "if the floor were cracked and he should rather think it was in this case." Neither at Malabar Hill nor at Bhandarwada is any such failure required to account for the leakage occurring. Neither need there have been any such scamping as we have this year exposed in the Vehar Lake Waste Weir, executed under the supervision of Government Engineers when the lake was built, and which has resulted in the leakage of 1¼ millions of gallons per day since that time when the lake has been full. The weir is only 358 feet long, and the leakage stops when the water falls 10 feet.

How far the failure is serious and from what it arises will be better perceived when we have disposed of the other points raised by Major Selby.

3. "*Who was responsible for this failure to ensure good work?*"—The imperfection in this case arises mainly from the want of efficiency of the mortar. The responsibility for securing good work rests, in

every contract, most emphatically, upon the contractor, who binds himself under penalties to do it. If the contractor be not responsible for the bad quality of his work, why is he required to maintain it and why is he subject to penalties if the work be not good ?

I go further and say that, if a contractor firmly makes up his mind to do bad work, the *only* method to prevent bad work being done is to *stop that* contractor altogether. Interrupt a speech as much as you choose, but if you allow the speaker to continue, he will by-and-bye have said all he intended to say, and perhaps more. If the relationship between engineer and contractor is that of policeman and thief, the estate will suffer whatever becomes of the latter.

I consider, however, that the contractor's responsibility ends with the work, and does not extend to any defects in the design for which he ought not to be held responsible.

In this case whilst the contractor can never divest himself of or escape from the undertaking to which he bound himself, I am of opinion that a responsibility does rest upon the Engineer, my predecessor, Mr. Braham. His defence, if he were here, might be complete. There are two questions which I cannot satisfactorily answer for him. These are :—First, when the contractor systematically, either from ignorance or wilfulness, did not proceed with the work in a style likely to have a good result, why did Mr. Braham not divest himself of further responsibility by recommending the Municipal Commissioner to take the contract out of his hands ? The partial answer is, that matters proceeded frequently in this direction, but that the contractors evaded the complete step by new promises and undertakings.

The second question is, why was not the actual state of the works carefully determined before they were taken over ?

If a bad contractor is to *be allowed to proceed* with the work, no doubt strict supervision is necessary. The inspection staff on these works was in my opinion quite insufficient and inefficient for such a work, and such contractors ; and whoever is responsible for that, is responsible in part for the state of the works to-day.

4. *Was the original design a good one ?*—Along with this, I will take the particular points raised in para. 3 of Major Selby's minute as follow :—

1. On what kind of ground was the flooring laid ?
2. Was it permeable ?
3. If rock, had it fissures ?
4. If so, were the fissures stopped before the floor was laid ?
5. Does Mr. Tomlinson consider that, taking its area and the depth of water, it was sufficiently thick and strong ?
6. Does Mr. Tomlinson consider that the puddle wall was sufficiently thick, and that it was carried down sufficiently low ?

I think I cannot be expected to have any *views* or *opinions* on questions Nos. 1, 3 and 4. I presume Major Selby wishes to have what information I have gleaned upon these matters. This is, as

gathered from the two Inspectors on the work, first in 1886 and again now, and compared with drawings :—

The surface of the rock or hard moorum was everywhere bared in the first instance.

The fissures which were very small, were cleaned out and grouted with thin lime mortar.

The foundations for the walls where there was no concrete underneath were levelled up with small chips laid in mortar.

The floors were levelled up with dry rubble, where foundation was rock and with concrete where it was moorum.

By levelling up I mean that the irregularities in the rock excavation, as would naturally occur, were first filled in the way stated.

Where the surface of the rock was considerably below the level of the floors, the space was filled up to the required level with a 2 feet layer of concrete on the bottom and a 9 inches layer on the top, the intervening material being dry rubble.

As to question No. 2, I am of opinion that the actual solid trap stone met with would be practically impervious, but that small fissures would exist in the rock, through which water under pressure would find its way.

*Question* No. 5.—*Do I consider, that taking its area and the depth of water, the floor was sufficiently thick and strong?*—I think the irregularities between the proper level of the bottom of the floors and the actual surface of the rock should have been filled with concrete. I cannot trace, however, any evil effect of the filling being with dry rubble.

I am not in favour of such composite floors. This floor has a layer of concrete 9 inches thick in the filters, 12 inches in the Distributing Basin, and 18 inches in the Storage Basin. The heads of water are respectively 6 feet 6 inches, 15 feet, and 30 feet. On the surface of the concrete was laid ½ inch of Portland cement mortar (2 to 1), and on the top of this again neat Portland cement ¼ inch thick.

Being laid on rock, this floor was strong enough to withstand the crushing strain. Whether it was thick enough to prove practically watertight depends upon its quality. Some lime concrete is excellent ; but I should not feel confident in relying upon 9 inches to 12 inches or 18 inches in the respective cases proving sufficient. Evidently great difficulty was experienced in laying the neat Portland cement which cracked and had to be relaid.

In my opinion where first-rate results are intended to be obtained, there is no material equal to about 6 to 1 Portland cement concrete, and the thicknesses should have been in this material 12 inches, 18 inches, and 24 inches respectively. The surface of the last layer should be well trowelled, but no separate rendering done.

*Question* No. 6.—*Do I consider that the puddle wall was sufficiently thick, and that it was carried down sufficiently low?*—This is the only matter upon which I consider the design to be quite wrong. The puddle is used on the northern and western sides, that is, where the walls are above the natural surface. It is protected by a bank of earth. I do not think it is of the least use. I do not understand why a wall of from 6 feet to 15 feet in thickness should ask for the assistance of a thin sheet of puddle. If it were intended to rely

only on the puddle for watertightness, it is certainly not thick enough. If it were intended to rely partly on the wall and partly on the puddle, it betrays a lack of faith in the materials. The money spent on puddle would have been more likely in these circumstances to have been better invested in neat cement pointing to both faces of the wall, as far as possible. It is true that puddle has been largely used for backing to underground walls of Service Reservoirs, but not so extensively in recent years, and less in Germany than Britain; but I do not find, out of 50 reservoirs, any instance of the use of puddle in a similar position or behind a wall of similar dimensions.

The answers to questions Nos. 5 and 6 embody the main objections to the design. There are other points of less importance, but different Engineers would of course deal with details in a different manner and the circumstances of the moment known only to the Engineer may dictate the result in these matters. The works appear to me to have proved of great service: the filters are very successful, so far as they go, and they were only recommended by the Consulting Engineer to be reduced to the smaller size for the present. The time has arrived, I think, for considering whether the finances of the Municipality will now permit of the original proposal being carried out. The general design of the works would also be improved by storing filtered instead of unfiltered water in the storage basin, which is sent to the city in cases of emergency.

The structure of the walls—uncoursed rubble—is that which has in India as elsewhere been found to answer best for Reservoirs. I think pointing in cement should have formed a part of the original design; it was subsequently partially carried out in the Distributing Basin. I do not think the partition walls of the filters are a fair sample of the walls in the larger basin; but if they be, the whole of the walls are built in a most inferior manner. That is the fault of execution, not of design.

For thin walls intended to resist water, the cementing material should be of the most superior kind, and if regular supplies of hydraulic mortar of that quality cannot be relied upon, Portland cement should be used.

To sum up, then, it appears that, whilst the original design was capable of improvement, the execution of it has not done justice to it.

5. c. *Was the contractor's tender recommended for acceptance; and, if so, by whom?*—Mr. Braham forwarded to the Municipal Commissioner a tabulated statement, but does not therein recommend anything; probably, verbally, he recommended the course adopted by the Municipal Commissioner. The following is the list of 9 tenders received:—

| | Firm. | Amount. Rs. |
|---|---|---|
| 1. | Dadabhoy Sorabjee and Vithul Tukaram & Co. ... | 5,40,459 |
| 2. | Ellapa Ballaram & Co. (Accepted)..... | 5,43,766 |
| 3. | Darasha Bomanjee & Co. ..... | 6,20,281 |
| 4. | Sir T. Thompson & Co. ..... | 6,39,846 |
| 5. | Nursoo Syboo & Co. ..... | 6,57,862 |
| 6. | J. T. Lindsley ..... | 6,91,957 |
| 7. | Govind Ramjee Samuldass & Co ..... | 7,44,670 |
| 8. | John Campbell & Co ..... | 7,60,479 |
| 9. | J. Hemmingway & J. Dace ..... | 8,04,557 |

| | Rs. |
|---|---|
| Engineer's estimate with contingencies..... | 6,34,660 |
| Accepted tender with contingencies ..... | 5,97,303 |

APPENDICES.

6. d. *Did the Town Council or the Corporation, by declining to accept the advice of their executive, in any material way relieve the executive of responsibility?*—On the 24th September 1878, the Town Council decided to retain the services of Mr. T. A. Bulkley as Assistant Engineer (Drainage), and Mr. J.W. Smith as Assistant Engineer for Water Works, in addition to a competent deputy for general routine work. Mr. Smith was directed by the Municipal Commissioner to attend to Bhandarwada works especially, when the works upon which he was engaged were completed. It was at this time contemplated the work should be carried out by Mr. Walton, and the Town Council regretted they could not retain Mr. Braham's valuable services for the Bhandarwada works. At the meeting of the Corporation on the 8th November 1878, Mr. Braham's services were continued (see p. 76, Proc. Corpn., 1878). On the 9th December 1879, the Works Committee reconsidered the above resolution with reference to the inquiry then proceeding as to the Malabar Hill Reservoir, the proposed new drainage works, and the resignation of Mr. Bulkley. The Works Committee struck out both the Resident Engineers, retaining Mr. Walton without a professional assistant for the new Drainage and Vehar Works, and appointing Mr. Braham (already in charge of Roads, Buildings, Water Works and General Departments) Engineer for Bhandarwada works without extra pay and a solitary Inspector on Rs. 200 per mensem. Mr. Walton's list of establishment required, including Bhandarwada, was thus reduced from Rs. 5,280 per mensem to Rs. 3,798. Mr. Walton addressed the Municipal Commissioner in very strong terms on the probable result of this action, and on the 20th December 1879 the Works Committee inserted a Resident on Rs. 600, but still further cut down the salaries of Inspectors and Sub-Inspectors from

Proc. T. C., 1878, p. 323.

Proc. T. C., 1878, p. 329.

Proc. T. C., 1878, p. 368. Mr. Braham asks for Resident on Rs. 600. Proc. T. C., 1879, pp. 455 and 455.

| | Rs. | | | Rs. |
|---|---|---|---|---|
| 1 at | 350 | to | 1 at | 250 |
| 1 at | 250 | to | 1 at | 200 |
| 1 at | 225 | to | 1 at | 175 |
| 1 at | 200 | to | 1 at | 150 |
| 3 at | 100 | to | 3 at | 80 |
| 3 at | 80 | to | 3 at | 60 |

Bhandarwada was left the same.

On a future occasion the Town Council sanctioned the employment of a second Inspector for Bhandarwada on Rs. 150 and 2 maistries. The total supervision charges were 2½ per cent. of the work done.

7. With regard to the remedial measures, I should not have formulated them if I had not considered them to be likely to prove effectual if properly carried out. I have nothing to add to paras. 13, 14 and 15 of my previous report beyond this, that, from the result of further inspection and inquiries I find, as stated in para. 14, the concrete to prevent leakage in the Distributing Basin must be placed inside. The masonry wall was built against the rock without any puddle or concrete, and it will not therefore be practicable to place the required concrete between the wall and the rock outside. This will not affect the estimate, but I regret the change is necessary.

I did not anticipate the floor was cracked, *i.e.*, broken by subsidence, &c.; but I thought the plaster would probably be loose in many places. On examination I find the inside of the Distributing Basin appears

everywhere to be good except where the walls have been plastered. In these places the evil of plaster on such work is well exemplified. The water has already burst off several large areas and others are "as hollow as a drum." The floor, so far as I have been able to examine it, is in good condition except in a few places. No casual visitor would consider the appearance of the wall or floor generally to admit of the escape of a drop of water.

In the Storage Basin I find the floor to be generally in good condition, the walls leak badly from the outside on the eastern and southern sides, and as suggested in para. 13 of the previous report the efficacy of pointing is doubtful, and could not be done at all until the filters are dealt with.

The exposing of the floor of the filters being a work of much labour, it has not been practicable to do it. I do not anticipate the baring of the floors would show a material difference between these and the floor above described.

I have, &c.,

S. TOMLINSON, C. E.

# Appendix

## PAPERS REFERRING TO LEAKAGE OF RESERVOIRS, SUBMITTED TO SIR JOHN FOWLER, K.C.M.G., P.P. INST. C.E., FOR OPINION.

*Extract from the Proceedings of the Municipal Corporation of Bombay.*

At the meeting of the Corporation held on the 7th January 1889—the President (The Hon'ble Mr. R. M. Sayani) in the chair—

It was resolved, on the motion of Captain Sir Henry Morland, I.M., Kt., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Municipal Commissioner be authorized to lay all the papers in connection with the Malabar Hill and John Hay Grant Reservoirs before Sir John Fowler, K.C.M.G., in view to consulting with that eminent Civil Engineer during his present visit to India, to consider their conditions and the steps which it is most desirable for the Corporation to take in regard to this matter."

H. W. BARROW,
Municipal Secretary.

## BOMBAY MUNICIPALITY.

*Memoranda of Deputy Executive Engineer, Water Works, on Analysis of Gaugings of Leakage at Malabar Hill Reservoir.*

| | | Sq. ft. |
|---|---|---|
| I. | Area of floor of Settling Basin ... ... ... ... | 92,592 |
| | Do. do. Distributing Basin, including vaults under filters ... ... ... ... | 121,152 |
| | Total area of floor ... square feet | 213,744 |

| | Galls. per 24 hours. |
|---|---|
| Leakage from Settling Basin ... ... ... ... | 127,800 |
| Do. Distributing Basin ... ... ... | 122,200 |
| Total leakage per day ... ... gallons | 250,000 |

| | | Per sq. ft. gallons. |
|---|---|---|
| Leakage per square foot of floor area of Settling Basin... ... ... ... | $\frac{127,800}{92,592}$ = | 1·38 |
| Do. Distributing Basin ... ... ... | $\frac{122,200}{121,152}$ = | 1·01 |

The rate of leakage per square foot of floor area being thus 38 per cent. greater in the Settling Basin than in the Distributing Basin.

| | | Sq. ft. |
|---|---|---|
| II. | Area of external walls of Settling Basin ... ... | 11,892 |
| | Do. do. Distributing Basin, including filters... ... ... ... | 25,657 |

Leakage as before.

| | | Gallons per sq. foot. |
|---|---|---|
| Leakage per square foot of wall area in Settling Basin ... ... ... ... | $\frac{127,800}{11,892}$ = | 10·74 |
| Do. Distributing Basin ... ... ... | $\frac{122,200}{25,657}$ = | 4·76 |

The rate of leakage per square foot of wall area being thus 225 per cent. greater in the Settling Basin than in the Distributing Basin.

The actual leakage per square foot of wall exposed in trial-holes was, in the Settling Basin at 18 feet depth of water, 5,925* gallons for 920 square feet = 6·4 gallons per square foot.

For the Distributing Basin 540 square feet for 1,100 gallons = 2·0 gallons per square foot.

* One leak at No. 6 accounts for 5,425 gallons of this.

## APPENDICES.

III. Comparison of square root of height with actual leakage in Settling Basin :—

| Height of Water on Gauge=h. | $\sqrt{h}$ | Per cent. | Actual leakage. Inches. | Per cent. |
|---|---|---|---|---|
| 18·00 | 4·242 | = 100 | 2·75 | = 100 |
| 17·00 | 4·123 | = 97 | 2·50 | = 91 |
| 16·00 | 4·000 | = 94 | 2·00 | = 73 |
| 14·00 | 3·741 | = 88 | 2·00 | = 73 |
| 13·00 | 3·605 | = 85 | 1·75 | = 64 |

*Note:*—The figures for actual leakage cannot be relied upon for *great* accuracy; because rain fell during the trials in amounts which are estimated from gauges at some distance.

IV. In the Settling Basin with 17′ 9″ of water, the

| | | |
|---|---|---|
| leakage is ... ... ... ... ... ... ... | galls. | 127,800 |
| The area of wall is ... ... ... ... ... ... | sq. ft. | 11,892 |
| The leakage per square foot is therefore on the assumption that it all takes place through the walls. | galls. | 10·74 |
| With 13′ 6″ depth of water, the leakage is ... ... | „ | 96,450 |
| The area of wall is ... ... ... ... ... ... | sq. ft. | 9,045 |
| The leakage per square foot is therefore required to be. | galls. | 10·66 |

Or the same practically as when the pressure was 32 per cent. greater and the leakage 32 per cent. greater also.

If leaks existed below 13′ 6″, capable of discharging water equal to 10·66 gallons per square foot of the wall, it is evident the leakage would be greater when the pressure increased 32 per cent.

*Analysis of Gaugings of Leakage at Bhandarwada Reservoir.*

V. Comparison of square root of height with actual leakage in Distributing Basin:—

| Height of Water on Gauge=h. | $\sqrt{h}$ Actual. | Per cent. | Actual Leakage Inches per Day. | Per cent. |
|---|---|---|---|---|
| 13·0 | 3·605 | = 100 | 6 | = 100 |
| 12·0 | 3·464 | = 96 | 5 | = 83 |
| 11·0 | 3·316 | = 92 | 5 | = 83 |
| 10·0 | 3·162 | = 88 | 3 | = 50 |
| 9·0 | 3·000 | = 83 | 3 | = 50 |
| 8·0 | 2·828 | = 78 | 3 | = 50 |
| 7·0 | 2·645 | = 73 | 2 | = 33 |
| 6·66 | 2·581 | = 71 | 1 | = 17 |

The same for the Storage or Settling Basin.

| | | | | |
|---|---|---|---|---|
| 28·5 | 5·339 | = 100·0 | 7 | = 100 |
| 27·5 | 5·244 | = 98·2 | 5 | = 71 |
| 26·5 | 5·148 | = 96·4 | 5 | = 71 |
| 25·5 | 5·050 | = 94·6 | 4 | = 57 |

S. TOMLINSON, Assoc. M. Inst. C. E.

BOMBAY MUNICIPALITY.

LONDON, 14*th September* 1888.

FROM RIENZI WALTON, Esq., M. INST. C. E.,
Executive Engineer (on leave),

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner, Bombay.

SIR,—With reference to the proposal made by Mr. Tomlinson in his Report to you No. 1785 of 1888-89, to extend the filtering area at Malabar Hill Reservoir, I wrote to you some few mails ago, suggesting a short delay, before any definite steps were taken towards carrying this into effect, and gave as my reason for so doing the fact that I had become acquainted with a filtering material which would probably obviate the necessity for increasing the area of the filter beds. I was led to make this suggestion by witnessing a series of experiments in filtration with a material termed magnetic spongy carbon, at the office of Major Tulloch, R.E., the results of which appeared to me to be highly satisfactory. Magnetic spongy carbon is, I believe, quite a newly discovered material, and is entirely mineral in its composition. It is also highly magnetic. I have not been able to see it in use on a large scale for the filtration of water, as the date of the discovery is too recent to admit of its adoption on an extended scale.

2. At the experimental trials referred to, I witnessed, however, some tests which, from my personal experience of filtering material, satisfied me of the superiority of magnetic spongy carbon, over any other filtering material, hitherto used for the filtration of a water supply. One of these tests, I will briefly mention :—

3. Some liquid was produced, which was certified to be the effluent from a large paper mill. It had hitherto defied all efforts made to filter it with the usual processes, and although the particles held in suspension were arrested by these systems, the cloudy appearance and the offensive smell were still retained. In my presence, it was passed through a sand filter similar in construction to that used at Malabar Hill and Bhandarwada, with the same result—the effluent was cloudy and foul smelling ; a quantity was then passed into a filter prepared with magnetic spongy carbon, through which it rapidly percolated, the effluent being not only perfectly clear but quite inodorous.

4. I also witnessed some successful experiments made upon the water procured from the "Mansion House Chambers"— a large block of buildings in the city where an artesian well had been sunk for the purpose of supplying the premises with water, and to avoid the heavy charges which would be due for a water supply from the usual source. The well was constructed at a considerable cost, but the water was found impure so far as it was cloudy in appearance and emitted an offensive earthy smell. A sample of this water was passed through a filter of magnetic spongy carbon, and the result was all that could be desired. The system is now adopted at these buildings, giving perfect satisfaction to all concerned.

5. From the pamphlets, which I send with this, many instances of satisfactory filtration will be found and which, together with what I have witnessed, will, I think, justify me in bringing the subject to your notice.

6. I have stated that I have not seen magnetic spongy carbon used for filtration of water on a large scale ; but I should also add that I have

seen it applied to sewage on a large scale at Acton, where it is now, and has been for the past ten months, in daily use, with the most satisfactory results. The quantity of sewage daily dealt with is about 250,000 gallons, the rate of filtration is about 2,500 gallons per square yard per 24 hours, and the result is a perfectly clear effluent, free from any taint or smell. The whole process from the moment the sewage is admitted to the Pumping Station, is free from sewage smell and inodorous. The sludge from the Settling Tank is inoffensive in smell and finds a ready sale, as a manure, at Rs. 30 per ton. Full particulars, however, of these works will be found in the pamphlets enclosed. I merely allude to it to show the rate of successful filtration which is obtained with this material, in the treatment of sewage, and to justify the inference, that if sewage can be successfully dealt with, how much more satisfactory may be the results, with comparatively pure water.

7. The rate of filtration for a water-supply, usually adopted by Engineers, varies from 500 to 700 gallons per square yard per diem (I see Mr. Tomlinson proposes to reduce it to about 360 gallons per square yard per diem); but even with the minimum rate, the results are not always up to expectation.

8. Slow filtration secures interception of inorganic and other matters held in suspension ; but apart from this does little to improve the chemical quality of the water, and many classes of water taint are able to pass through mechanical filters without undergoing any improvement or change. Engineers and chemists have long been dissatisfied with the results obtained from filter beds, whose action is merely mechanical, but up to date none of the many chemical filtering materials suitable to deal with large volumes of water have been found free from some individual objection to their adoption. If therefore a material, free from such objections, can be found, which will undoubtedly improve the chemical quality of the water, a great point will be gained ; and if in addition to this feature it possesses the power of rapid filtration, the value of that material will be much enhanced. Magnetic spongy carbon, I think, promises to yield these conditions ; and should my anticipations prove correct, it will be unnecessary to increase the area of the Filter Beds at Malabar Hill Reservoir or at Bhandarwada.

9. The former has an area of 49,000 square feet and was designed by the late Mr. Forde (*vide* his original drawings in the Office Records) to deal with $4\frac{1}{4}$ million gallons per diem, that quantity being the estimated daily yield from Tulsi.

10. Four and a quarter million gallons over an area of 5,333 square yards (*i.e.*, 49,000 square feet) will give a rate of about 750 gallons per square yard per diem. If it is assumed that magnetic spongy carbon will efficiently filter at the rate of, say, 1,000 gallons per square yard per diem, then the existing area is sufficient for 5,333,000 gallons per diem.

11. The rate I have assumed is perhaps a low one, if what is actually done at Acton with sewage may be taken as any guide ; but I would rather not increase it without practical experience.

12. I would, therefore, suggest for your consideration the expediency of making in Bombay a few inexpensive trials with magnetic spongy

carbon, awaiting the results of those trials before any practical steps are taken (beyond the preparation of the drawings, &c.) towards extending the Filter Beds at Malabar Hill and Bhandarwalla.

13. The material is not expensive—£6 per ton delivered in Bombay, and a few tons (say six or eight), would be sufficient for experimental purposes. A cubic foot of the material weighs 80 lbs., and a layer of 5 inches thick is enough.

14. Half a dozen iron water cisterns placed near some of the local tanks and wells, the water of which is known to be impure, could be arranged as filters. Persian wheels or pumps could be used to keep them filled with water and the effluent could be passed through a meter or into a cistern of known capacity. The rate of filtration could be thus ascertained, and the analysis of the water before and after the process would give the value of efficiency of the material as a chemical filter.

15. Not having seen the material in use in any water works, I should not like to recommend its use on a large scale ; but from the investigation I have made, I think it would be wise to make the experiment proposed, and then if the result should turn out, as I anticipate it will, the proposed expenditure on the extension of the Filter Beds will be saved, and a purer quality of water will be obtained. I should add that the properties of the material are said to be inexhaustible, and that it does not in any way deteriorate by use. Particulars regarding its chemical qualities will, however, be found in the pamphlet.—I have, &c.,

RIENZI WALTON, M.INST.C.E.

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No. $\frac{W.}{3635}$ OF 1888-89.

BOMBAY, 17*th October* 1888.

FROM THE DEPUTY EXECUTIVE ENGINEER,
in charge Water Works,

To F. L. CHARLES, Esq., C.S.,
Acting Municipal Commissioner.

SIR,—I have the honour to offer for your consideration the following observations on the subject of the Filtration of Bombay Water through magnetic spongy carbon as set forth in the pamphlet on the subject by the Company which manufactures the material and in a letter from the Executive Engineer, Rienzi Walton, Esq., M.INST.C.E.

2. The rate of filtration I recommended in my previous reports was 4″ vertical per hour, which gives a volume of 8 cubic feet per square foot of sand per 24 hours—8 cubic feet are equal to 50 gallons. The volume per square yard I recommend is, therefore, 450 gallons per day : not 360 gallons as quoted by Mr. Walton.

3. I recommended the extension of the filters with simple sand, knowing at the time most of all that had been published on the value of various forms of iron (including Anderson's rotary filters and magnetic spongy carbon) as a filtering medium, more especially for muddy and discoloured waters.

4. At page 3 of the pamphlet it is stated that filtration can be carried on at a rate of from 500 to 600 gallons per square yard, each 24 hours against the 450 gallons I recommend.

5. In the pamphlet there is nowhere claimed that the rate of filtration is materially increased : on the contrary, not only at page 3,

but at page 10 the saving is shewn to be in reducing the expense by reducing the depth from 7 to 10 feet to 3 feet. Depths of 7 and 10 feet are now obsolete. The present Bhândarwada and Vehar Filters have only a depth of 3′ 6″. The advantage on this head is, therefore, very small.

| | |
|---|---|
| Sand | 2′ 6″ |
| Gravel | 0′ 6″ |
| Drains | 0′ 6″ |
| | 3′ 6″ |

6. The filtration referred to by Mr. Walton is that of the effluent from the sewage works after treatment by magnetic ferrous carbon and sewage salts. I should imagine that this effluent will deposit scarcely any sediment.

7. The Bombay Water contains little sediment and is, if not absolutely pure, at least innocuous. But, as in all waters over a temperature of 80°, there is a vegetable growth readily detained on sand filters, but requiring a full area of sand, this vegetable matter rapidly forming on the surface of the filter a thin layer through which water does not readily pass. They, therefore, also require frequent cleansing. Magnetic spongy carbon filters also require cleansing (*see* page 21, sewage pamphlet).

8. The filtration at Acton is said to occupy "less than 70 feet square" (sewage pamphlet, p. 14). Mr. Walton gives the quantity of effluent filtered at 250,000 gallons per day. 70 feet × 70 feet = 4,900 square feet. $\frac{250{,}000 \text{ gallons}}{4{,}900 \text{ sq. feet}}$ = 50 gallons per square foot per day, the same as I recommend. I think there must be some mistake either in Mr. Walton's quoted rate of 2,500 gallons per square yard equal to 280 gallons nearly per square foot, or the area of the filters given in the pamphlet.

9. Taking the rate of filtration at 6″ per hour equal to 675 gallons per square yard or 75 gallons per square foot per day, a rate of 12 per cent. in excess of the highest rate claimed in the pamphlet,

| | Rs. |
|---|---|
| There would be an additional area of 102,000 square feet required, and the cost would be ... ... ... ... ... | 3,70,374 |
| The magnetic spongy carbon for the existing filters will cost—weight about 2,574 tons ... ... ... ... ... ... | 2,85,200 |
| The magnetic spongy carbon for additional filters about 1,518 tons ... ... ... ... ... ... ... ... | 1,53.000 |
| Total ...Rs. | 8,08,574 |
| The proposed expenditure on simple extensions by the present method so as to filter at 450 gallons per square yard per day is | 6,92,818 |
| or Rs. | 1,15,756 less |

than the cost of filtering at a rate of 675 gallons per square yard with magnetic spongy carbon.

10. Unless therefore the filtration can be done at a much higher rate than is claimed in the printed pamphlets, the most economical system is to extend the beds with simple sand. If the rate of 2,500 gallons per square yard per day could be obtained (but which I am entirely sceptical about), no extension of area would be required nor would it be necessary to place magnetic spongy carbon in all the existing filters. An area of 70,500 square feet (less than one-half our present filters) would be sufficient; and the cost of magnetic spongy carbon would be Rs. 1,05,750.

11. Experiments, on a scale large enough to be a guide, would determine—

(1.) Whether the vegetable growth would choke a magnetic spongy carbon filter in the same way that it does a simple sand filter.

(2.) At what rate effective filtration could be carried on.

(3.) Whether, if an improvement in the rate were found at first, such improvement proved to be lasting.

(4.) Whether there was any appreciable superiority in (*a*) appearance or (*b*) analysis of the water filtered through the magnetic spongy carbon filter over that properly filtered through sand alone.

The cost of providing one of the Bhandarwada filters would be Rs. 25,000 ; one of the Vehar filters Rs. 10,000. The latter would be much cheaper, but it would be very inconvenient of access for members of the Corporation, who might desire to watch the experiment.

An experimental filter could be constructed of, say, 20 feet by 20 feet=400 square feet :—

This would cost about .....Rs. 2,000, and the
Magnetic spongy carbon ... „ 700

Total...Rs. 2,700, say Rs. 3,000.

I do not think a smaller area than this should be experimented upon, and the experiments should be conducted for one year at least.—

I have &c.,

S. TOMLINSON, Assoc. M. Inst. C.E.

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## Table No. 1.

Showing cost of Magnetic Spongy Carbon.

The weight is 80 lbs. per cubic foot (Mr. Walton's letter).
The depth required—5 inches (Mr. Walton's letter and pamphlet).
The price is £6 per ton (Mr. Walton's letter).

The weight per square foot of filter is therefore—

$$\frac{80\text{lbs.} \times 5 \text{ inches}}{12 \text{ inches}} = \frac{400}{12} = 33\tfrac{1}{3} \text{ lbs.}$$

The cost per ton £6 ; may be taken at..... Rs. 90
Cost of hauling to Reservoirs, say ..... „ 10

Rs. 100

The cost per square foot of filter is therefore—

$$\frac{33\frac{1}{3} \text{ lbs.} \times \text{Rs. } 100}{2{,}240 \text{ lbs.}} = \frac{100 \times 100}{3 \times 2{,}240} = \frac{10{,}000}{6{,}720} = \text{Rs. } 1{\cdot}49$$

The cost is taken at Re. 1·5 per square foot in the estimates.

APPENDICES.

## Table No. 2.

*Particulars of Bombay Filters.*

| Place. | Area, square feet. | Quantity of water to be filtered. | Rate of Filtration. | | | Cost of M. S. C. for present area at Rs. 100 per ton. | Cost of Extensions proposed by Deputy Executive Engineer. |
|---|---|---|---|---|---|---|---|
| | | | Depth per hour | Gallons per sq. foot per day. | Gallons sq. yard per day. | | |
| | | Gallons. | | | | Rs. | Rs. |
| Malabar Hill—4 Filters. | *a* 49,000 | 5,000,000 | 10·3 | 136 | 1224 | 73,500 | 1,87,680 |
| Bhandarwada—6 Filters | *b* 96,000 | 7,000,000 | 7·0 | 87·5 | 787·5 | 1,44,000 | *d* 1,50,938 |
| Vehar—5 Filters .. | c 28,000 | 4,500,000 | 16·1 | 201 | 1808 | 42,700 | 3,54,200 |
| | | | | | Total ..Rs. | 2,59,500 | Rs. 6,92,818 |
| | | | | | Placing in beds, say ..Rs. | 25,700 | |
| | | | | | Total cost of Magnetic Spongy Carbon ..Rs. | 2,85,200 | |

*a.* $\frac{1}{4}$ = 12,250 square feet to be deducted for æration and cleansing.
*b.* $\frac{1}{6}$ = 16,000 do. do. do. do.
*c.* $\frac{1}{5}$ = 5,600 do. do. do. do.
*d.* .. This provides also for covering Storage Basin and having all stored water filtered and ready for distribution.

## Table No. 3.

SHOWING cost of all Filters enlarged so as to give a rate of 6″ per hour = 75 gallons per square foot, or 675 gallons per square yard per day. $\frac{1}{4}$ is added to allow for æration and cleansing.

| Place. | Total required. | Present area. | Addition required. | At per sq. ft. | Cost. | Cost of Magnetic Spongy Carbon. |
|---|---|---|---|---|---|---|
| | | | | Rs. | Rs. | Rs. |
| Malabar Hill .. .. .. | 83,333 | 49,000 | 34,333 | 2·4+15% | 94,759 | 51,500 |
| Bhandarwada .. .. .. | 116,666 | 96,000 | 20,666 | 2·5+15 „ | 59,415 | 31,000 |
| Vehar .. .. .. .. .. | 75,000 | 28,000 | 47,000 | 4+15 „ | 2,16,200 | 70,500 |
| Total .. | 275,000 | 173,000 | 102,000 | .. | 3,70,374 | 1,53,000 |

| | | |
|---|---|---|
| Magnetic spongy carbon— | | |
| For existing filters ... ... ... | Rs. | 2,85,200 |
| For additional filters ... ... ... | „ | 1,53,000 |
| Total for magnetic spongy carbon ... | Rs. | 4,38,200 |
| For additional filters ... ... ... | „ | 3,70,374 |
| Total for filtration at 6″ per hour through magnetic spongy carbon ... ... | Rs. | 8,08,574 |

BOMBAY MUNICIPALITY.

**Table of Rates of Filtration at various places.**

| | Inches vertical per hour. | Gallons per square yard for 24 hours. |
|---|---|---|
| Berlin, Stralau... ... ... ... ... | 2·99 | 337 |
| Berlin, Tegel ... ... ... ... ... | 4·80 | 540 |
| Bradford ... ... ... ... .. | 4·0 | 450 |
| Liverpool ... ... ... ... ... | 4·0 | 450 |
| Leicester ... ... ... ... ... | 6·0 | 675 |
| Stockton and Middlesboro' ... ... ... | 6·0 | 675 |

In 1884 (From Bolton's "London Water Supply").

| | | |
|---|---|---|
| London, Chelsea ... ... ... ... | 3·36 | 378 |
| West Middlesex ... ... ... ... | 2·88 | 324 |
| Southwark ... ... ... ... ... | 2·88 | 324 |
| Grand Junction ... ... ... ... | 3·36 | 378 |
| Lambeth ... ... ... ... ... | 3·84 | 432 |

## TEMPERATURE OF BOMBAY WATER.

### Malabar Hill Reservoir.

*Average of* 15 *observations daily with highest and lowest readings.*

| Date. | Average Temperature. | Maximum. | Minimum. |
|---|---|---|---|
| 10th May 1888. | 86·3° F. | 88° F. | 85° F. |
| 11th " " | 86·2 | 88 | 84 |
| 12th " " | 86·0 | 86 | 86 |
| 13th " " | 86·8 | 89 | 86 |
| 14th " " | 87·3 | 89 | 86 |
| 15th " " | 87·2 | 89 | 87 |
| 16th " " | 87·1 | 88 | 86 |
| 17th " " | 87·5 | 88 | 87 |
| 18th " " | 87·5 | 89 | 87 |
| 19th " " | 87·7 | 89·5 | 85·5 |
| 20th " " | 87·6 | 89 | 86·5 |
| 21st " " | 87·7 | 89 | 87 |
| 22nd " " | 88·2 | 90 | 87·5 |
| 23rd " " | 88·1 | 88 | 87·5 |
| 24th " " | 88·4 | 89 | 87 |
| 25th " " | 88·2 | 90 | 87·5 |

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*Part of letter No.* 541, *dated 4th May* 1888.

From the DEPUTY EXECUTIVE ENGINEER,
in charge Water Works,

To the ACTING MUNICIPAL COMMISSIONER.

8. As to the enlargement of the filters at Vehar, so far as I can discover, it appears that the 24″ main was laid to supply the northern parts of the Island and to restore the draught upon the Vehar Lake which had been reduced in consequence of the discharge of the 32″ main having been reduced when it had to deliver at the high level of the Bhandarwada Reservoir. This quantity appears to have been taken at about 2,400,000 gallons per day, and the filters at Vehar are designed to deal with that quantity, the rate of filtration being 8 inches per hour. The main will, however, discharge 4½ million gallons per day, and the rate of filtration adopted at present

8 inches per hour or 100 gallons per square foot of filtering area per day is exactly double the rate required for good, efficient and satisfactory filtration. Filtration through sand at a slow rate effectually removes the vegetable suspended matter or protococci, and produces a water for clearness and purity almost unrivalled. The deposit of protococci on the surface of the sand soon, however, becomes especially in the hot season almost impervious to the passage of water, and must be frequently removed. Hence the necessity of a full allowance of sand area. The rate I have stated is that adopted in the best works in England, and experience proves that any rate much in excess of it impairs the efficiency of the work. At present only a part of the supply passes through the filters at Vehar, the other part unfiltered afterwards mingles with the filtered portions, and of course the effect of filtration is practically lost. There is no remedy for this except by a larger area of filters.

9. The same remarks apply to the filters at Bhandarwada and Malabar Hill; at Malabar Hill the whole supply passes through the filters, but the sand cannot be kept at the required thickness to secure the removal of the whole of the suspended matter. The Tulsi water is, so far as my observation goes and comparison with reports of previous years, rapidly improving in quality. The brown tinge from suspended inorganic matter is disappearing; in its place a vegetable growth similar to that in Vehar is rapidly increasing, and after a few years more it appears probable the two waters will be of a similar character.

10. There is one contingency to bear in mind when considering the necessity of enlarging the present filters. This is, that when the Tansa supply arrives in 1892, and for a few years subsequently the Vehar and Tulsi Lakes may not be drawn upon so heavily as at present, and the filters may then be able to do the work required of them in a proper manner. This will, however, be for a few years only. The draught upon Vehar and Tulsi will then become again quite as heavy as now, unless the Tansa Main be duplicated. The present scheme will give 17 million gallons per day. Ten million gallons of this will be required to place the city on full constant supply in the first hot season after it arrives, in addition to the present full quantity from Vehar and Tulsi. The annual increase will be about 1,000,000 gallons per day in the hot season, so that in 7 years after the completion of the Tansa scheme as at present developed, it must be enlarged or the supply again curtailed. I do not believe this estimate to be in the least overdrawn, it is entirely in accordance with past experience in all large cities, and it is quite possible it may prove to be underrated.

11. The discharge of the 24″ main being 4,500,000 gallons per day, and the quantity filtered being, at the rate of 4″ per hour, 50 gallons per square foot of filter area, it will require 90,000 square feet of effective filter area. To this must be added an allowance for filters which are being cleaned and ærated. This may be taken at $\frac{1}{6}$th. The total area required thus becomes 105,000. Deducting the present provision, 28,000 square feet, there remain 77,000 square feet to be provided.

12. The present filters cost Rs. 4 per square foot of filtering area; and this may be taken as a good basis of cost for the extension; the cost of the extension will therefore be $77,000 \times 4 =$ Rs. 3,08,000; to this I should recommend the addition of a balancing reservoir at a cost of Rs. 50,000.

The total cost will therefore be Rs. 3,58,000 *plus* 10 per cent.
Contingencies and Establishment „ 35,800

Rs. 3,93,800, or say, Rs. 4,00,000

13. The sum may appear large, but it only represents an annual charge of (at 6 per cent.) Rs. 24,000, equivalent to less than ¼ anna per 1,000 gallons of the water passing through. Those who have seen the difference in the appearance of the water before filtration and after thorough filtration, would not, I venture to say, hesitate in securing the improvement at a much higher cost.

14. I forward a tracing showing the site for the extension of the filters, and also the site of the existing ones. If it be decided to proceed with the work, the following establishment will be necessary to make the detailed surveys, contract drawings and estimates.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 Surveyor | on Rs. | 180 | 6 months | Rs. | ... | 1,080 |
| 1 Assistant | on „ | 80 | 6 „ | „ | ... | 480 |
| 1 Draftsman | on „ | 60 | 6 „ | „ | ... | 360 |
| 4 Lascars | on „ | 12 | 6 „ | „ | ... | 288 |
| | | | | Rs. | ... | 2,208 |

15. I might point out, as regards the financing of the cost of the work, that the provision for interest and sinking fund on new loans made in the present Budget will suffice for the works sanctioned and for so much of the interest of the loan required for this work as would be raised this year. If the works were sanctioned at once, work would not be commenced until September or October, and only small payments would become due in the current year; half a lakh would suffice for the current year, and the balance could be provided in the next year's Budget. The provision in the Budget of this year is for a full year's interest on the full amount of the proposed loan; as the loan is not yet raised, evidently the whole interest provision will not be required, and the works proposed to be executed out of the loan will not be completed within the year.

16. Incidental reference having been made to the filters at the Malabar Hill and Bhandarwada Reservoirs, I add the approximate requirements and estimates of cost for additions to the filters:—

*Malabar Hill Reservoir*—

| | | |
|---|---|---|
| Quantity of water per diem ... ... ... ... | 5,000,000 | gallons. |
| Area of sand required at a rate of 4″ per hour... ... | 100,000 | sq. ft. |
| *Add* ⅛th for cleaning and aeration ... ... ... | 17,000 | „ |
| | 117,000 | sq. ft. |
| Area of existing filters ... ... ... ... ... | 49,000 | „ |
| Additional area required ... ... ... ... ... | 68,000 | sq. ft. |

The present filters cost about Rs. 2·4 per square foot. If a further portion of the Settling Basin be converted into filters, and the portion under the filters into storage for filtered water—

| | |
|---|---|
| The cost will be 68,000 sq. ft. at Rs. 2·4 ... ... | Rs. 1,63,000 |
| *Add*—10 per cent. for Contingencies and Establishment ... ... ... ... ... ... ... | „ 17,000 |
| Total... | Rs. 1,80,000 |

*Bhandarwada Reservoir*—

| | |
|---|---|
| Quantity of water per diem ... ... ... ... | 7,000,000 galls. |
| Area of sand required at a rate of 4″ per hour ... | 140,600 sq. ft. |
| *Add*—$\frac{1}{7}$*th* for cleaning and æration ... ... ... | 23.000 „ |
| | 163.000 sq. ft. |
| Area of existing filters ... ... ... ... ... | 96,000 „ |
| Additional area required ... ... ... ... ... | 67,000 sq. ft. |

If the present open Storage Basin, which has an area of 52,500 square feet were covered, and the filters placed over it—

| | |
|---|---|
| The cost would be Rs. 2½ per sq. foot, or ... ... | Rs. 1,31,250 |
| 10 per cent. Contingencies and Establishment ... | „ 13,150 |
| Total... | Rs. 1,44,400 |

Both the Storage and Distributing Basins would then contain filtered water, and the filters would not detract from the effective capacity of the Storage Basin.

The effective area of the filters would be 123,800 square feet against a total requirement for 4″ per hour of 140,000. This would give a rate of filtration just over 4½ inches per hour, when one-sixth of the area was non-effective and 4″ per hour with the whole of the filters effective.

Awaiting your instructions, I have, &c.,

S. TOMLINSON, Assoc. M. Inst. C.E.

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No. 2591 of 1888-89.

11*th May* 1888.

From the MUNICIPAL COMMISSIONER
for the City of Bombay,

To the DEPUTY EXECUTIVE ENGINEER,
in charge Water Works.

Sir,—As intimated in my letter No. 2590 of to-day's date, I wish to discuss the extension of the filters question in a correspondence separate from the Tulsi Road and other matters mentioned in your No. 541 of 4th May 1888.

2. The total outlay you recommend on the extension of filters amounts to about 8 lakhs, and such a large outlay cannot be proposed without serious consideration.

3. I shall be glad to know in the first instance what is the relative order of importance which you would assign to each of the extensions at Vehar, Malabar Hill and Bhandarwada.

4. Also what are the reasons which should make filter beds at Vehar cost Rs. 4 per square foot, whereas at Malabar Hill the filters cost only Rs. 2·4 per square foot.—I have, &c.,

F. L. CHARLES,
Acting Municipal Commissioner.

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No. 913 of 1888-89.

Dated 16*th May* 1888.

From the DEPUTY EXECUTIVE ENGINEER, Water Works,
To the ACTING MUNICIPAL COMMISSIONER.

Sir,—I have the honour to report, as requested in your No. 2591 of the 11th instant, that I consider the relative urgency of the additional filters to be

1. Vehar,
2. Malabar Hill,
3. Bhandarwada,

for the following reasons :—

(*a*) The Vehar filters are only capable of dealing with one-fourth of the full capacity of the main. The filters can deal with about 1,200,000 gallons per day at 4″ per hour, and the main can discharge about 4,500,000 gallons per day.

(*b*) The Malabar Hill works give a rate of 10 : 4 or under ½ of what is required : the water, however, has the advantage on the one hand of a Settling Basin and the disadvantage of being at present more in need of filtering than the Vehar water.

(*c*) The Bhandarwada Filter Works require doubling practically, but when the Arthur Road 27″ main is completed in about four months, it is probable that the strain on these works will be reduced somewhat.

(*d*) The Vehar Filters and 24″ main will, it appears probable, for many years supply the northern portion of the Island even after the Tansa water comes, all the distribution system being adapted to it and for it now. The Tansa water will go to relieve the centre and south of the Island now being supplied by the 32″ Vehar and the Tulsi 24″ main. It is also almost certain that Kurla will be added as to water-supply when Tansa is available to meet the demands elsewhere, and the 24″ main passes through the village. This main also supplies Bandora now, and will probably continue to do so.

(*e*) So far then, as can be foreseen, there is a certainty that the 24″ main will always be fully utilized, in which case the present filters are much too small for the work.

2. It is desirable in my opinion that the storage in the Reservoirs at Malabar Hill and Bhandarwada should be as far as possible filtered, because in case of emergency these reserves are supplied to the city. At present the Settling Basin at Malabar Hill contains more unfiltered water than the Distributing Basin does filtered, at Bhandarwada the same is the case ; by the present proposals the Settling Basin at Malabar Hill would be reduced, and the chambers under the new filters added to the Distributing Basin and filled with filtered water.

3. The storage at Bhandarwada would be entirely of filtered water. As branches of the Tansa Main will go to Malabar Hill and Bhandarwada Reservoirs, there will after a few years probably be some increase in the supply through these basins. I do not think, however, that the works are designed or adapted generally to deal with a much greater daily inflow and outflow, and the filtration of the Tansa water should be dealt with as a separate matter and at another site or other sites. This question is, however, outside the present discussion.

4. The rates for work at Vehar are much higher than in Bombay; especially for the sand, a very heavy item, required for the filters. At Vehar also the land is to purchase, which was not the case at Malabar Hill, and will not be the case with the proposed filters at Bhandarwada.

5. The increased cost of works at Vehar is well illustrated by the actual rates at which the Vehar filters and the Bhandarwada works were carried out respectively by Messrs. Jewanji and Mohanlal in 1885 and 1886 and Ellapa Ballaram & Co. in 1881 and 1884, both from similar designs and specifications of my predecessor, Mr. Braham. The rates are as follows :—

| | Vehar. | Bombay. |
|---|---|---|
| Excavating earth per 100 c. ft.... ... | Rs. 2·5 | 1·9 |
| „ rock do. ... ... | „ 6·0 | 3·0 |
| Uncoursed rubble do. ... ... | „ 32·0 | 18·0 |
| Brickwork do. ... ... | „ 60·0 | 40·0 |
| Sand do. ... ... | „ 17·0 | 8·0 |
| Shingle do. ... ... | „ 17·0 | 9·0 |
| ½" Portland cement plaster, 2 to 1 ... | „ 15·0 | 10·0 |
| ¼" „ „ Neat ... ... | „ 12·0 | 6·0 |

On the whole, the cost is approximately doubled.

I have, &c.,

S. TOMLINSON, Assoc. M. Inst. C.E.

## BOMBAY MUNICIPALITY.

## RATE OF FILTRATION AT BHANDARWADA RESERVOIR.

The maximum rate only for each day is entered and the head under which the filter was working at the time.

| Date. | FILTERS. | | | | | |
|---|---|---|---|---|---|---|
| | No 1. | | No. 2. | | No. 3. | |
| | Head inches. | Rate of discharge in gallons per sq. yard per day. | Head inches. | Rate of discharge in gallons per sq. yard per day. | Head inches. | Rate of discharge in gallons per sq. yard per day. |
| 1888 | | | | | | |
| Oct. 27 ... | 11·4 | 510 | 12·3 | 272 | 9·9 | 407 |
| „ 28 ... | 11·0 | 551 | 9·4 | 407? | 13·4 | 407 |
| „ 29 ... | 11·9 | 454 | 5·7 | 407? | 8·5 | 407 |
| „ 30 ... | 12·8 | 407 | 13·5 | 239 | 11·3 | 376 |
| „ 31 .. | 13·2 | 394 | 13·2 | 358 | 12·1 | 394 |
| Nov. 1 ... | 14·9 | 407 | 15·6 | 272 | 13·8 | 407 |
| „ 2 ... | 15·4 | 358 | 15·1 | 358 | 13·6 | 407 |
| „ 3 ... | 14·5 | 340 | 14·5 | 239 | 11·8 | 394 |
| „ 4 ... | 14·2 | 358 | 13·9 | 358 | 11·8 | 394 |
| „ 5 ... | 13.1 | 394 | 7·0 | 394 | 12·7 | 376 |
| „ 6 ... | 14·4 | 322 | Being cleaned out. | | 10·2 | 322 |
| „ 7 ... | 14·6 | 322 | „ | „ | 9·2 | 358 |
| „ 8 ... | 13·9 | 358 | „ | „ | 9·8 | 358 |
| „ 9 ... | 13·1 | 358 | 3·1 | 724* | 8·9 | 394 |
| „ 10 ... | 12·6 | 322 | 2·9 | 724* | 8·2 | 394 |
| „ 11 ... | 13·0 | 322 | 2·6 | 768* | 8·2 | 394 |
| „ 12 ... | Being cleaned out. | | 3·0 | 768* | 10·0 | 407 |
| Averages ... | 13·4 | 386 | 9·3 | 449 | 10·8 | 366 |

Average 3 Filters ... 11·2 inches head
400 gallons per square yard of sand area per 24 hours.

* The effluent was not satisfactory ; a portion of the vegetable matter still remained.

# Sir John Fowler's Report on the Leakage of the Reservoirs.

BOMBAY, 22*nd February* 1889.

To E. C. K. OLLIVANT, ESQ., C.S., C.I.E.,
Municipal Commissioner for the City of Bombay.

SIR,—Since my return to Bombay, I have been in almost continuous communication with your Engineer, Mr. Tomlinson, with a view to comply with your request, that I should consider the conditions of the Malabar Hill and John Hay Grant Reservoirs, and report on the steps which in my opinion the Corporation should take in regard to the questions referred to me.

2. The printed collection of papers containing a full history of all past Water Works proceedings has greatly facilitated my work. Mr. Tomlinson has also placed at my disposal full detailed drawings of all the works of the two Reservoirs. After a very careful examination of the drawings and of the statements in the papers, I proceeded to visit the two Reservoirs, and make such examination as I deemed necessary for the purpose of this report.

3. I do not think the most convenient mode of presenting my views to you would be to follow the questions in categorical order, but I will deal with a few of these questions before addressing myself to the leakage works.

### BASALTIC STONE USED.

4. I am able to give you a decided assurance that no leakage is attributable to the use of the Malabar Hill stone. I am very familiar with this description of basaltic rock, and after comparing the stone from Malabar Hill and that from the Ridge at the John Hay Grant Reservoir, by a powerful magnifier, I find them identical as regards their composition and of equal suitability for engineering works.

### STRUCTURAL SOUNDNESS.

5. I have not discovered any structural defect in any of the works. Leakage is undoubtedly a defect, even if it does not endanger the structure, and in that important respect both Reservoirs are defective to a serious extent.

### FILTRATION.

6. I do not advise the addition of "Polarite" for filtration until experience has shown the insufficiency of sand filtration. According to the latest experience in London and elsewhere, the

quantity of water passed through each square yard of sand, for efficient work, should not exceed 400 gallons per day as a maximum, and the maximum head of water should never be more than 15 inches, and it would be well to keep within these figures. It will always be easy at any subsequent period to add "Polarite," if the Corporation see good reason for doing so.

LEAKS.

7. The experiments made to ascertain the extent and source of the leaks, appear to shew conclusively that both walls and floor contribute, although in proportions not easy to determine with precision.

8. I will now proceed to state what I advise should be done to both Reservoirs.

MALABAR HILL RESERVOIR.

9. I am of opinion that the breaking into the floor of the settling basin for the insertion of the foundation supports of the columns, and the work of the insertion of the skewbacks into the south wall have each had a tendency to increase, and most probably have increased, the leakage, and it will be proper that any remedial measures shall include the special protection in those places against leakage, which were omitted in the original design.

10. It is not in my opinion probable that the leaks will increase, or endanger the stability of the works, but for many obvious reasons, and especially having regard to the large quantity of water daily lost to the city, I feel confident that the Municipal Corporation of Bombay will not rest satisfied to allow the works to remain in their present state.

11. As regards the walls, I do not think after examination that it will be necessary to do more than carefully make good the existing pointing by picking out and repointing all doubtful places.

12. For the floors, the matter is so important that I would advise the adoption of the best possible plan that can be devised, so as to secure water-tightness, even if the work appears somewhat expensive.

13. I do not approve of adding 6 or 9 inches of ordinary concrete to the floors. Little or no assistance would be obtained by work of that class for water-tightness, which is the only object of the additional work.

14. I would advise either a covering of two coats of rock asphalte laid by experienced asphalte workmen (similar to that which I am now carrying out at the tank at Colombo) or a coat of 1 inch thick of Portland cement, covered with glazed tiles as a flooring. Either plan would be efficient and of about equal cost, and the Corporation may safely decide themselves between the two plans.

15. I have considered the proposals contained in the drawings submitted to me for providing hydraulic power with pipes and

works connected therewith for supplying water to the higher level service. These works are of a simple character and will be efficient for their purpose. The appended estimate will give full details.

BHANDARWADA RESERVOIR.

16. The works required here are of a more costly character than at Malabar Hill, and I have to suggest to you several additions to the works which have been specially called to my notice.

17. In the first place I strongly advise that all the water of this Reservoir should be covered by roofing as at Malabar Hill. The exposure to the sun's rays, as is well known, developes vegetable growth very rapidly, and the protection given by the complete covering of the water is well worth the additional expense.

18. In the next place I advise the rebuilding of the east wall. It will not be a very expensive work, and I do not believe it is possible to make this wall water-tight by any other means.

19. The floors should be treated precisely in the same manner as at Malabar Hill, and the walls all repointed with Portland cement pointing, after the old pointing has been carefully taken out.

20. I have considered Mr. Tomlinson's suggestion for obtaining more filtering area by arching over the storage reservoir and constructing filter beds on the upper level. This suggestion seems a judicious mode of obtaining additional filtering area.

21. I have thought it desirable to discuss with Mr. Tomlinson in detail the mode of carrying out the works suggested in this report, as the quality of the work is of equal importance to the design.

22. The quality of the cement and sand must be the best that can be obtained, and tests for the cement of a severe character should be insisted upon. The exact proportions of cement and sand to be adopted in each case, and other details will appear in the estimates attached to this report.

CONTRACT OR DEPARTMENTAL WORK.

23. The works recommended are so dependent for their complete success on exceptional care with the materials and workmanship employed, that the work should be carried out departmentally and not by means of a contractor.

24. The cement, however, should be contracted for directly with the manufacturers in England, so as to have the guarantee of the manufacturers' responsibility.

25. In addition to the Engineer in charge, it will be necessary to have three or four trustworthy Inspectors acting directly under the Engineer to maintain a vigilant watch on all parts of the work at all times.

ESTIMATES.

26. Mr. Tomlinson has supplied me with local information respecting the prices for the estimates, but having had the advantage

during the time I have been in India of ascertaining the value generally of Indian labour, I am able to test for myself the correctness of the estimates submitted to you and can thus give you my own assurance of their sufficiency. The estimate is added to the report as an appendix.

PROCEDURE.

27. I advise the completion of the work of the walls and the floor of the settling basin of the Malabar Hill Reservoir before any further work is proceeded with, partly as a training for the men and Inspectors, and partly to ascertain the complete adequacy of the work of restoration for its intended object.

28. I have the satisfaction of reporting to the Corporation that, with the works now recommended, I have every reason to believe that the Service Reservoirs of Malabar Hill and Bhandarwada will be not only tight against leakage, but be in all other respects in a sound and satisfactory state.

VEHAR LAKE.

29. Thus far I have dealt only with the two Reservoirs in the city, but I have had an opportunity of visiting the Vehar Lake, and have examined the site of the overflow, and received explanations of the work proposed to be carried out to prevent the leakage which takes place when the water reaches a certain level. These works appear to me well calculated to effect their object.

30. I also examined the filter beds, and except the mode of introducing the water into the filter beds I approve the arrangement. The necessary modification required for passing the water into the filter beds is merely an enlargement of the water cushions, which I explained to Mr. Tomlinson.

31. I strongly advise, however, these filter beds should be extended so as to be capable of passing filtered water in the required quantity, calculated on the basis previously explained of 400 gallons per square yard of filter per 24 hours.

32. Provided this extended power of filtration is carried out at Vehar, where the ground is not of great value, it may modify the amount of filtering power required in Bombay, but it is not necessary for me to do more than mention this, as you will readily ascertain at what point the filtering can be most economically done. I will only add that at one place or the other it should be done and in an efficient manner.

I have the honour to be,

Sir,

Your obedient servant,

JOHN FOWLER.

# Appendix to the Report of Sir John Fowler, K.C.M.G., dated 22nd February 1889.

*Abstract Estimate of Cost of Works recommended for Execution.*

| | Estimated Amount, including 15 p. c. Contingencies. Rs. |
|---|---|
| **I.—Malabar Hill Reservoir.** | |
| Turbine and centrifugal pump or hydraulic rams : | |
| Overflow and sludge pipes : | |
| Providing and fixing 24″ sluice valves on the inlet and outlet of direct delivery main : | |
| The overflow and sludge pipes are obviously necessary. The sluice valves on the direct delivery main are desirable accessories in any case ; the one on the inlet end will effectually prevent a recurrence of the leakage which has taken place from the existing masonry chamber, but which has for the present been stopped by repairs. The saving of the expense attending the working of the pumping engine is a desirable object. The proposal to effect this by providing a turbine or hydraulic rams is a feasible one. Hydraulic rams are simpler than turbines, and will probably be cheaper. The estimates provide for duplicate turbines and centrifugal pumps or for a spare ram, if rams be eventually adopted. The conversion of the present outlet well into a dry well is necessary to effect the above alterations ... ... | 11,500 |
| Cushions for inlets and below the outlets of filters : | |
| The proposed inlets would be masonry wells or cushions : with blue stone pavements and with rubble in cement mortar (3 to 1) walls and blue stone coping. The floor of the distributing basin and vault under filters for a width of about 20 feet to be laid with blue stone slabs on cement concrete, with a blue stone raised coping, 18″ high by 12″ wide, to form a water cushion 18″ deep. The object of this work is to prevent the erosion of and shock to the floor due to the falling of the water from the outlet sluices of the filters above ... ... ... | 13,000 |
| Repairing walls where necessary and repairs to junction of skewbacks, south wall : | |
| The inner faces of the walls to be repointed where necessary : the under face of skewbacks to be repointed and the upper surface in the haunch of the arch adjoining south wall to be filled with fine cement concrete. The material for pointing walls to be cement mortar in the proportions of 1 of sand to 1 of cement | 8,000 |
| Carried over...Rs. | 32,500 |

BOMBAY MUNICIPALITY.

| | Estimated Amount, including 15 p.c. Contingencies. Rs. |
|---|---|
| Brought forward ...Rs. | 32,500 |
| 1 inch of 2 to 1 Portland cement plaster on floor with white glazed tiles set in 1 to 1 cement mortar; or 2 coats of rock asphalte: The existing floor to be very carefully cleaned and scored. The estimate also provides for special protection at the junctions of the floor with the columns, piers and walls ... ... ... ... ... | 1,78,000 |
| Construction of tower over outlet well with wrought-iron tank, 10 feet deep, on the top: This will provide a storage of filtered water for the higher portions supplied by the turbine. The tank will contain 70,000 gallons, the usual daily supply being under 50,000 gallons ... ... ... ... | 30,000 |
| Total for Malabar Hill Reservoir... Rs. | 2,40,500 |

## II.—Bhandarwada Reservoir.

| | |
|---|---|
| Pointing walls of filters, storage basin and part of distributing basin with 1 to 1 cement mortar. The estimate includes cost of removing the present plaster in the distributing basin ... ... | 14,500 |
| Removing and replacing filtering materials. The filtering materials must be removed to give access to the floor; the sand should be rewashed before being replaced ... ... ... ... ... | 13,500 |
| Removing and rebuilding eastern wall co-extensive with distributing basin and 6th filter. This includes the construction of a dry rubble drain at the back of the wall to intercept and carry off the water from the adjacent hill ... ... ... ... | 65,500 |
| 9" Portland cement concrete, 4 of aggregates to 1 of cement, on the floor of the filters. The stone for this concrete not to be larger than 1" ... ... | 62,100 |
| 1" of 2 to 1 Portland cement plaster on floor, with white glazed tiles set in 1 to 1 cement mortar; or 2 coats of rock asphalte. To be carried out in the same way as the similar work at Malabar Hill Reservoir ... ... ... ... ... | 1,81,000 |
| Brick roof over storage basin, with additional filters upon the roof. The area of additional filters thus provided will be 52,500 square feet ... ... | 1,60,000 |
| Roofing over existing and proposed filters. The area of existing filters is 96,000 square feet, and of the addition proposed 52,500 square feet. The total area of roof required is 148,500 square feet ... | 2,56,000 |
| Total for Bhandarwada Reservoir...Rs. | 7,52,600 |

# Appendix E

## TANSA WATER WORKS LOAN—REPAYMENT OF.

(*See page* 43—PART I.)

No. 1231 OF 1888-89.

BOMBAY, 19*th April* 1888.

TO THE CHAIRMAN, MUNICIPAL CORPORATION.

SIR,—I have the honour to report for the information of the Corporation that the Government of India have refused to sanction the issue by the Municipality of any more debentures with a term of 60 years, and have ordered that no sum is to be borrowed in future for a longer time than 40 years.

This decision will materially effect the Budget provision for ordinary loans, and in the case of the Tansa loan of 123 lakhs, will raise the final provision of Interest and Sinking Fund from Rs. 6,49,000 to Rs. 6,92,000, thereby requiring the Corporation to provide an additional sum of Rs. 45,000 annually from 1893 when the full provision of Interest and Sinking Fund has to be made.

The Government of India's decision does not, of course, affect the 47 lakhs already raised for the Tansa Works with their sanction in the years 1886-87 and 1887-88, otherwise the additional Sinking Fund required for the Tansa Loan would be much greater. The decision, however, does apply to the loan of 12 lakhs for the Queen's Road and Girgam Drainage and for laying water mains in Frere Road, and also to the loan to be raised for the capital works to be carried out in the current year.

The general effect of the decision is to raise the annual provision necessary for Sinking Fund from about $\frac{1}{3}$ of a rupee per cent., the sum required for a 60 year loan, to $\frac{6}{7}$ per cent. per annum for a 40 year loan.

I enclose copies of Government Resolutions No. 873 of 16th March 1888, and No. 1057 of 5th April 1888 (General Department) and also of my letters to Government No. 16153 and No. 153, dated 4th February and 6th April 1888, respectively, in which I gave reasons in favor of 60 year loans.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner for the City of Bombay.

BOMBAY MUNICIPALITY.

No. 873.

GENERAL DEPARTMENT.

Bombay Castle, 16th March 1888.

Letter from the Secretary to the Government of India, Home Department, Municipalities, No. 9, dated 30th January 1888 :—

"I am directed to acknowledge the receipt of your letter No. 3522, dated the 23rd November 1887, submitting an application under the provisions of the Local Authorities Loan Act from the Municipal Commissioner for the City of Bombay, for permission to raise a loan of 12 lakhs for drainage and other sanitary works in that city.

"The loan is required for a period not exceeding sixty years, and it is proposed to raise it in two instalments of Rs. 6,00,000 each bearing interest at 5 per cent. The instalments required to meet the interest and Sinking Fund amount to Rs. 63,500, which sum will be annually included in the Budget of the Municipality.

"2. In reply I am to say that, unless there are special reasons for the longer period proposed, the Government of India would prefer that the terms of the loan should be so arranged as to secure its repayment in forty years. If, in the opinion of the Governor in Council, there are no special reasons in this case for extending the period beyond forty years, the Government of India sanctions the loan being raised subject to its repayment within that period by means of a Sinking Fund."

Letter from the Municipal Commissioner for the City of Bombay, No. 16153, dated 4th February 1888—Furnishing, with reference to Government memorandum No. 383, dated 3rd idem, the reasons for raising the loan for a period not exceeding sixty years.

Telegram from the Government of India, Home Department, dated 10th March 1888 :—

"Your letter 11th ultimo. Government of India, regrets inability to sanction extension of period for repayment of loan of 12 lakhs required by Bombay Municipality. Letter explaining reasons follows shortly."

RESOLUTION.—Copies of the letter from the Government of India, No. 9, dated 30th January last, and of their telegram dated the 10th instant, should be forwarded to the Municipal Commissioner for the City of Bombay for information, with reference to Government Resolution No. 3521, dated 23rd November 1887.

2. The raising of the loan is sanctioned subject to the condition that it should be repaid in forty years, as desired by the Government of India.—J. DEC. ATKINS, Under Secretary to Government.

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No. 1057.

GENERAL DEPARTMENT.

Bombay Castle, 5th April 1888.

Letter from the Secretary to the Government of India, Home Department (Municipalities), No. 42, dated 24th March 1888 :—

"I am directed to acknowledge the receipt of your letter No. 442, dated the 11th ultimo, forwarding a letter from the

APPENDICES.

Municipal Commissioner for the City of Bombay, in which the following reasons are urged in favour of the original proposal that the loan of 12 lakhs required for drainage and other sanitary works in that city should be repaid in a period not exceeding 60 years :—

(1) that many members of the Corporation are of opinion that the period should be 100 years, so as to spread the burden over three generations ;

(2) that, as the Resolution authorizing the loan mentions 60 years, a fresh sanction would be required to alter the period ;

(3) that, with one exception, the investors in the Tansa works loan preferred the longer term ; and

(4) that the extra cost of this generation of providing a sinking fund for 12 lakhs repayable in 40 years would be about Rs. 7,000 per annum more than that required if the repayment were spread over 60 years, and that as the Corporation have decided to provide all new permanent works out of loan and as an annual expenditure of not less than 5 lakhs will be necessary for ordinary public works, not counting special schemes for completing drainage, &c., the additional provision for a sinking fund would in a few years amount to a very large item and would disarrange the Budget.

"For these reasons the Bombay Government expresses the hope that the Government of India will be pleased to sanction the period of the loan for the longer term proposed.

"2. In reply I am to say that it appears to the Government of India essential that the terms of such loans should be so regulated that they do not throw forward too much of the burden on future generations. The popularity of a long investment is doubtless acceptable to the public in view of the expectation that, as time advances, five per cent. may be a high rate of interest. But, as the Municipality may reasonbly hope then to be able to borrow at a cheaper rate, the guarantee of interest at five per cent. for a longer period than is necessary would, for this very reason, be prejudicial to its interests.

"3. The Secretary of State, in recently sanctioning the advance of money for the dock works at Calcutta and Bombay, insisted upon a sinking fund of one per cent.; and it cannot be said that the sanitary measures for which the present loan is required will be of a more permanent character than the Prince's Docks, in respect of which the Secretary of State made this condition. A sinking fund of one per cent. will pay off a loan in—

| | | | |
|---|---|---|---|
| 41 | years if improved at | 4 | per cent. |
| $38\frac{2}{3}$ | ditto | $4\frac{1}{2}$ | ditto. |
| 37 | ditto | 5 | ditto. |

and the Governor-General in Council is of opinion that, if the present generation are unwilling to pay so much as one per cent. towards a sinking fund, it is hardly justified in undertaking expenditure at the burden of its remote successors, or in assuming that these successors will not have sufficient similar burdens of their own.

"4. The Government of Bombay has not given definite expression to its own opinion as to the term of years in which the loan should be repaid; but, for the reasons given in the two preceding paragraphs the Governor-General in Council would prefer to maintain the previous decision that the repayment of the loan should not extend beyond a period of 40 years."

RESOLUTION.—A copy of the letter from the Government of India should be forwarded to the Municipal Commissioner for the City of Bombay for information in continuation of Government Resolution No. 873, dated 16th March 1888.—E. LAWRENCE, Acting Under Secretary to Government.

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No. 16153 OF 1887-88.

BOMBAY, *4th February* 1888.

TO THE CHIEF SECRETARY TO GOVERNMENT,

GENERAL DEPARTMENT.

SIR,—In reply to your reference No. 383 of 3rd February 1888, I have the honour to state as follows :—

2. The reasons in favour of the period of 60 years are—

(*a*) The Corporation during this year considered the question of loan Works, and many members were of opinion that the period should be 100 years, so as to spread the burden of works of permanent utility over 3 generations.

Eventually 60 years was settled, that being the longest period allowed by the new Municipal Bill.

(*b*) The Corporation Resolution authorizing this loan mentions 60 years.

A fresh sanction would be required to alter the period.

(*c*) Out of the 30 lakhs borrowed this year for the Tansa Works, the lenders were offered the option of shorter periods.

Only two lakhs were taken by one investor for 40 years, the remaining investors preferring to lend their 28 lakhs for the longer term.

This proves what the public demand is, *viz* :—that a long investment is preferred, and the popularity of this Municipal paper is shown by the rate for 5 per cent. Tansa bonds being now 105.

It is very important that the Municipality should continue to have the advantage of favourable rates by providing an investment acceptable to the public.

It must be remembered that the phrase "not exceeding sixty years" enables the Municipality to issue the bonds for 40 years or any lesser period, should the public wish it.

(*d*) The extra cost to this generation of providing sinking fund for 12 lakhs repayable in 40 years, would be about Rs. 7,000 per annum more than that required for a sixty year loan, and as the Corporation have decided to provide all new permanent works out of loan, and an annual expenditure of not less than 5 lakhs will be necessary for ordinary public works not counting special schemes for completing drainage, &c. The additional provision for Sinking Fund would in a few years amount to a very large item and would disarrange the Budget.

3. For the above reasons I trust that the condition "for a period not exceeding 60 years" may be allowed to remain.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 153 OF 1888-89.

BOMBAY, *6th April* 1888.

TO THE CHIEF SECRETARY TO GOVERNMENT,
GENERAL DEPARTMENT.

SIR,—Before replying to your reference No. 1044, dated 3rd April 1888, General Department, which calls upon me to alter the calculations of the Tansa Loan from 60 to 40 years, I have the honour, to point out that, so far as I understand para. 3 of the Government of India letter No. 42, dated 24th March 1888, quoted in the preamble to Bombay Government Resolution, General Department, No. 1057, of 5th April 1888, the restriction of the loan periods to 40 years is only insisted on in the case of smaller works, *viz.*, the case under discussion was a loan of only 12 lakhs for various drains, laying water mains and other minor works.

2. The Government of India themselves have already sanctioned the raising for 60 years of the first two instalments of the Tansa Loan of 123 lakhs amounting in all to 47 lakhs as follows :—

17 lakhs in 1886 *vide* Bombay Government Resolution No. 2102, dated 14th June 1886.

30 lakhs in 1887, Bombay Government Resolution, No. 2876, dated 21st September 1887.

3. No objection was made to the period of 60 years entered in the applications for these instalments of the Tansa Loan.

4. Further, the term of 60 years was also agreed to by implication in respect of the Vehar Lake Loan *vide* Bombay Government Resolution No. 3701, dated 19th October 1886, and para. 2 of Government of India letter No. 134 of 27th September 1886, quoted therein. It thus appears plain that, in the case of the larger works, the Government of India have already in three successive instances sanctioned the period of 60 years, and I have the honour to urge that it would not appear to be consistent to allow the first 47 lakhs of the Tansa Loan of 123 lakhs to be raised within a period of 60 years, but to restrict the remaining 76 lakhs to 40 years.

5. It is of course impossible to recall the debentures already issued at 60 years, more especially as they were issued on the sanction of the Government of India.

The sinking fund on them will therefore run as before at about $\frac{1}{3}$ of a rupee per cent. for 60 years. Whereas if the remaining 76 are to be issued with a Sinking Fund of 1 per cent., the Corporation will have to provide $\frac{2}{3}$ of a rupee per cent. more on 76 lakhs, than they anticipated when the Tansa scheme was sanctioned by them in 1885.

This excess amounts to about Rs. 50,666 per annum. A very heavy charge in addition to the Rs. 6,49,787 already fixed as the necessary interest and instalment of the Tansa Loan of 123 lakhs.

6. An unlooked for addition of more than half a lakh of rupees to the annual expenditure of the city is so large a sum that it

cannot be met without an immediate increase in taxation, and the inevitable result will be an increase to the Town Duties lately reduced.

7. In view of the great harm that will be caused by the reversal of calculations which have been accepted for several years past, and which have induced the Corporation both to reduce Town Duties and to engage in considerable other works for the sanitary improvement of the city, I earnestly hope that in the case of the remaining 76 lakhs of the Tansa Loan at any rate, the period of 40 years may not be insisted on.

8. I return the application received with your letter No. 1044 of 3rd April 1888, in the hope that, with this explanation before them, Government may see fit to press the Government of India for the required sanction for the Tansa Loan.—I have, &c., F. L. CHARLES, Acting Municipal Commissioner.

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No. 1044 OF 1888.

General Department, Bombay Castle, *3rd April* 1888.

Returned to the Municipal Commissioner for the City of Bombay with a request that, as the Government of India object to the extension of the term of the repayment of loans from 40 to 60 years, the necessary modifications may be made in the accompaniments to his letter No. 16386, dated 9th February 1888.—J. NUGENT, Chief Secretary to Government.

# Appendix F

## The New Municipal Offices.

THE following papers are circulated for the information of the Corporation.

*By order of the President,*
H. WYNFORD BARROW,
Municipal Secretary.

*2nd March* 1889.

No. 20570 OF 1888-89.

MUNICIPAL COMMISSIONER'S OFFICE,
BOMBAY, *1st March* 1889.

FROM THE MUNICIPAL COMMISSIONER,
FOR THE CITY OF BOMBAY,

TO THE MUNICIPAL SECRETARY.

SIR,—I have the honour to submit, for the approval of the Corporation, the designs for new Municipal Offices prepared by Mr. F. W. Stevens, C.I.E., in accordance with the Resolution of the Corporation, No. 1866, dated 14th June 1888. The letter of Mr. Stevens, which accompanies the designs, will be found to give all necessary particulars as to style, accommodation, and cost.

2. Looking to the terms of the previous Resolution, I take it that there will now be no further question as to proceeding with the work and entrusting the execution of it to Mr. Stevens. This being so, I need only remind the Corporation that it is of great importance that there should be no avoidable delay in commencing operations, and that, if the necessary authority is now given, tenders can be invited forthwith for putting in the foundations. It will be a great advantage that this part of the work should be done before the next monsoon, as Mr. Stevens assures me it well may be.

3. I think that Government should be asked whether they would have any objection to the side porch on Cruikshank Road being allowed to project on to the so-called avenue as suggested by Mr. Stevens. This would effect a very great improvement in the approach which, as shown on the present plan, would be awkwardly angular. It is impossible with the growth of buildings that the double row of trees on this side of the Cruikshank Road should be preserved, in fact many of them have disappeared already. The avenue is already blocked at one point by a well and it must

now be regarded rather as a footpath than a riding path. As a footpath it will not be any more marred by the projection of a porch than is the footpath in Rampart Row by the projection of the porch in front of the new Elphinstone College. On the other side of the road the double row of trees may well be maintained, and the space between them will always furnish a sufficient riding path.

4. It will be well also if the Corporation will sanction an application to Government for the additional grant of 560 square yards required for giving an equal length to either wing of the building as proposed in the 23rd paragraph of Mr. Stevens' letter.

5. If these two suggestions commend themselves to the Corporation, I shall be glad if the Resolution sanctioning the designs be passed in such a form that, whatever the decision of Government may be on these points, no further reference to the Corporation need be made before proceeding with the work. The instructions to the Architect would then be, that given the permission to project the porch, and given the extra area applied for, the slight necessary alterations to suit these circumstances are to be made in the plans, but that otherwise the foundations are to be put in on the present lines.

6. Mr. Stevens also alludes to the desirability of obtaining from Government *the refusal* of the two* vacant pieces of ground next to the Municipal Building site both on Hornby and Cruikshank Roads. I presume that the Corporation will approve of this being done. Only I should be disposed to extend the area of reservation so as to include the whole† of the ground between the two proposed new streets which are to connect Hornby and Cruikshank Roads ; for, if a Public Hall is to be built, it will be just as desirable to guard against its being hemmed in by miscellaneous buildings as it is now to take similar precautions in respect of the offices. If Government are able to assent to the application, it will be satisfactory to know that there will be the possibility of securing these two sites hereafter, should it suit the wishes and finances of the Corporation to do so. I would add that, in the event of the Corporation acquiring these two sites in addition to the present one, the proposed road immediately at the back of the new buildings should certainly be a private road with gates at each end and not a public street as now intended.

* The area of these sites is respectively 6,238 and 1,667 square yards, total 7,905 square yards.

† The total area reserved would then be 11,134 square yards.

7. I have given directions for having the several drawings in the present Council Room, so that the Corporation will have an opportunity of inspecting them at their next Monday's meeting, and it will probably be of assistance to Councillors to be furnished in advance, with printed copies of Mr. Stevens' letter and these remarks of mine. The President will probably think it advisable to call a special meeting at an early date for the consideration of the subject.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner
for the City of Bombay.

# NEW BOMBAY MUNICIPAL BUILDINGS.

BOMBAY, *28th February* 1889.

To E. C. K. OLLIVANT, Esq., C.S., C.I.E.,

Municipal Commissioner, Bombay.

SIR,—With reference to your No. 4577 of 18th June last and correspondence ending 4th July following, I have the honor to submit the accompanying drawings and approximate estimate of the design for the new Municipal Buildings, Bombay.

The arrangements of the plans were made in consultation with Mr. Charles, C.S., the late acting Municipal Commissioner, and the other executive officers of the Municipality, and were finally approved by the former on the 10th of July last before I proceeded to England.

The ground (see drawing No. 1) having been reduced in breadth or contracted between the Cruikshank Road and Hornby Row to the extent of 40 feet, since it was first contemplated to place the buildings on this site, has made the plan a somewhat difficult problem to solve, to insure spaciousness, convenience, and proper ventilation. However, after having studied some of the most extensive modern Municipal Buildings in Europe, the sites of some of which are similar to that of the proposed buildings, I venture to think I have produced a design that will be convenient, well ventilated, and suitable for the requirements of the Municipality and the climate of Bombay.

The style of architecture adopted is a free treatment of early Gothic with an Oriental feeling, which, I consider, the best adapted for the site the buildings are to occupy. It will be remembered, probably, by some of the members of the Corporation, that the style of architecture adopted for the public buildings erected on the Esplanade, commonly known as "Frere Town," was decided upon by Sir Bartle Frere's Government, after careful deliberation and consultation with some of the most eminent architects in England and Bombay at that time; and, I think, the public of this generation should be much gratified at the result attained through the wise policy of the Bombay Government in having followed out the lines then laid down.

I have endeavoured to make the design dignified, monumental, and worthy of the city of Bombay, and in strict harmony with the surrounding buildings, namely, the Police Courts and Victoria G. I. P. Railway Terminal Buildings, and I trust my endeavours will meet with the approval of the Corporation. It will be seen, on reference to the drawings, that the design, although in strict keeping with the buildings before mentioned, is quite different in mass and form, and will, I am confident, group well with them. (See colored view.)

It will be observed that the plan of the buildings is somewhat of the shape of the letter V (see drawings Nos. 1, 2, 3 and 4,) which will give the full benefit of the prevailing breeze to the different offices. The principal public entrance and grand staircase under dome

are placed at the apex or south end. The space occupied by the latter is first a square, the upper portion from the first floor being worked into a circle by interlacing arches supported on Aberdeen granite columns, which carry the small gallery and interior circular dome. This feature will be imposing, and one of the most telling in the buildings. (See section on drawing No. 8). The room above the dome will be utilised for storing records in racks erected for the purpose, and will be approached by a hydraulic lift from the back. In the Tower above the Record-room, will be placed two floors, in which two large wrought iron storage water tanks will be erected, containing a total quantity of 40,000 gallons of water. One tank will be utilised for the Fire Service of the buildings, and the other for working the hydraulic lift for the use of the Councillors and Officials.

It will be seen, on reference to the elevations, that the Tower works from a square base, having octagonal turrets at each angle, into an eight-sided figure, then into a sixteen-sided figure, and finally into a circle, capped by a dome. The architectural effect of this treatment will be better understood by referring to the coloured view of the design.

The central gable facing south will be crowned by a colossal figure representing "Urbs prima in Indis," and below this in a circular panel will be carved the Arms of the Corporation. (See view and drawings, Nos. 5, 6 and 7.)

The following Offices are placed on the Ground Floor :—

(1.) In Wing facing Hornby Row.

Town Duty Office.
Assessor's Office, with Retiring Room and W.C.
Assistant Assessor's Office, with Retiring Room and W.C.
Assessor's Clerks' Office.
Ward Office.

(2.) In Wing facing Cruikshank Road.

Health Officer's Office, with Retiring Room, W.C., &c.
Assistant Health Officer's Office, with Retiring Room, W.C., &c.
Health Officer's Clerks' Office.
Laboratory.
Two Committee Rooms (for the use of the Standing Committee), one of which may be utilised for a Deputy Municipal Commissioner, in the event of such appointment being made at any future time.
A separate Carriage Porch, Hall, and Staircase for the exclusive use of the Councillors. The latter leads direct to the Council Chamber on the first floor.

The following Offices are placed on the first floor :—

(1.) In Wing facing Hornby Row.

Chief Accountant's Office, with Retiring Room, W.C., &c.
Chief Accountant's Clerks' Office.
Small Strong Room.
Record Room.
Hospital Committee Room.
School Committee Room.
Clerks' Office to Committee Room.

APPENDICES.

(2.) In Wing facing Cruikshank Road.

Municipal Commissioner's Office, with Retiring Room, W.C, &c.
Two Assistants' Office, with Retiring Room, W.C., &c.
Municipal Commissioner's Clerks' Office.
Council Chamber, with two Retiring Rooms, W.C., &c.
Secretary's Office, with Retiring Room, W.C., &c.
Secretary's Clerks' Office.

The Council Chamber will be 65 feet in length × 32 feet 6 inches in breadth × 38 feet in height (see drawings Nos. 9 and 10). The Ceiling will be of Teakwood and coved in section, and will be richly moulded, carved, and decorated. It will be observed from Plan No. 3 that I have carried out your suggestion regarding the elliptical arrangement of the seats and desks of the Chamber. Those of the Chairman, Municipal Commissioner, Secretary, &c., will be placed on a platform raised about 1 foot from the ground, in order that the two former officers may be clearly seen and heard. This arrangement has been found to be the most convenient and the best for hearing in modern debating rooms, and is the plan adopted in the Birmingham Council Chamber, and those of other large towns in England.

A small Gallery approached by a spiral staircase in the corridor is placed in the centre of the Chamber on the south side, immediately opposite the Chairman, one half for the accommodation of newspaper reporters, and the other for the public. This plan has been adopted in the Council Chamber of the new Glasgow Municipal Buildings, and is, without doubt, an improvement on the old arrangement for the accommodation of the public and reporters.

The form of the Council Chamber has been designed in accordance with well-known examples, to insure the best acoustic result, and, I feel confident, that it will be a successful Debating Room. The style of decoration and the manner in which the room is proposed to be lighted and ventilated will be seen on reference to drawings Nos. 9 and 10 and the small interior view.

Niches with canopies will be provided for the reception of busts of eminent Corporators or men of note connected with the Municipality. The late Captain Henry's bust, at present in the Corporation Meeting Room, will, it is proposed, be the first to be placed in the new Council Chamber.

I have endeavoured to make the Chamber artistic, dignified and worthy of this great city ; and I trust my efforts have been successful and will meet with the approval of the Corporation.

The following Offices are placed on the Second Floor :—

(1.) In Wing facing Hornby Row.

Deputy Executive Engineer (Roads and Building Department), with Retiring Room, W.C., &c.

Office for Clerks and Draughtsmen.

Deputy Executive Engineer (Water Works Department), with Retiring Room, W.C., &c.

Office for Clerks and Draughtsmen.

Tansa Water Works Office.

(2.) In Wing facing Cruikshank Road.

Executive Engineer's Office with Retiring Room, W.C., &c.
Assistant Engineer's Office with Retiring Room, W.C., &c.
Office for Clerks and Draughtsmen of the Drainage Department.
Record Rooms over corridors to Council Chamber.
Record Rooms over corridors in front of Dome.

Detached Latrines for Native and European Clerks, approached by covered corridors, have been provided on all floors.

Wide and spacious corridors have been provided on all sides of the buildings, and on either side of the principal staircase and dome, for direct communication with the several offices, and for protection from sun and rain.

The total area of the office accommodation, including that for the Tansa Water Works, Hospital and School Committees, has worked out in the design to 3,356 square yards, or nearly equal to the amount sanctioned by the Corporation, namely, 3,300 square yards. The slight excess of 56 square yards may be obviated, if considered necessary, by reducing the unit of width of the rooms by three inches; but I would strongly deprecate such reduction, as the convenience that would be sacrificed would not be worth the saving.

The buildings contain 2,603,600 cubic feet, and this amount at six annas per cubic foot, a fair rate for the class of work required, gives the total cost of the buildings at Rs. 9,76,350, at which, I am of opinion, the buildings can be erected. This estimate may be slightly reduced by lessening the widths of the corridors, but I would advise that such reduction be not made, as convenience and utility would be sacrificed, and the protection from sun and rain, so essential and important in a climate like that of Bombay, would not be efficient.

Should a Public Hall be required at some future time, I would suggest that it may be placed on the ground north of the Council Chamber between the proposed New Road and the Police Courts, and for further office accommodation, the buildings may be extended along the Hornby Row, communication being obtained to both buildings by bridging wide corridors over the road in the positions indicated on drawings Nos. 1 and 2. The bridges would be similar in character to the Bridge of Sighs at Venice, and would form handsome architectural features to the buildings.

I would propose that application may be made to Government on behalf of the Corporation that they may be allowed the refusal of the ground between the Police Courts and the proposed New Road, and say 150 feet frontage by 100 feet in depth, on the north side of the buildings facing Hornby Row, in the event of any application being made by any other public body for this ground.

The space between the two wings of the buildings should be turfed and laid out as an ornamental garden (see drawings Nos. 1 and 2), which would have a pleasing and refreshing effect.

As, I believe, the Corporation are most anxious to proceed with the buildings as early as possible, I would advise, to prevent further delay, that the foundations may be allowed to be proceeded with at once in order that they may be completed before the heavy

rains set in, the specification, detailed drawings, quantities of estimates and contracts being made ready in the meantime, to enable the superstructure to be commenced at the beginning of October next.

It will be observed, on reference to drawings Nos. 1 and 2, that the whole of the buildings have been carefully confined to the limits of the site allotted. I would suggest, however, as an improvement that it be arranged with Government to allow the Council Chamber to be brought forward to the boundary line, and the carriage porch to project out into the avenue, as this arrangement will be more convenient in giving a better access to the porch, will be superior in an architectural point of view, and will allow the prevailing breeze more space for circulation at the back.

I may point out that the ground allotted for the Municipal Buildings is 32 feet 6 inches longer on the Hornby Row side than it is on the Cruikshank Road side, and as, I believe, there is no particular reason why this should be, I would advise that the small amount of extra ground be obtained, in order that the two wings of the buildings may be of the same length.

The class of work proposed for the buildings will be similar to that of the other public buildings erected on the Esplanade. The facing will be of coursed Coorla buff-coloured stone; the dressings, domes, cornices, mouldings, sculpture, &c., of Porebunder stone, and the arches and columns of Coorla, red, blue and white stone. The floors will be of teakwood, concreted and asphalted, or tiled in the usual manner. The roofs, doors and windows will be of teakwood, the former being covered with Mangalore tiles and the two latter being glazed or venetianed as may be required.

Should it be deemed necessary to use the Council Chamber and Offices in connection therewith at night, I would suggest that they be lighted with the electric light, by means of incandescent lamps. The Council Chamber would be provided with three handsome brass chandeliers fitted with proper lamps, arranged both for electric or gas lighting. The Offices would also be fitted with lamps for either kind of lighting. I would advise that gas be laid on as well as the arrangements for lighting with electricity, in case of accident to the latter.

In arranging for the lighting of the Municipal Buildings, the engine and dynamos should be placed somewhere near the Crawford Market, so that the advantage may be taken of lighting that building also.

In conclusion, I beg to state I have had two views prepared, one coloured, showing the exterior of the buildings with their surroundings, and the other, in pencil, showing the interior of the Council Chamber. These views, which I have much pleasure in sending on loan, will give the Corporation a much better idea of the general architectural effect of the design than could be obtained from the geometrical drawings submitted.—I have, &c.,

F. W. STEVENS, F.R.I.B.A., A.M.I.C.E.

# Appendix G.

# Overbridges on the B. B. & C. I. Railway in the Island of Bombay.

*Papers relating to, from the year 1862 to the year 1872, extracted from the records of the Bench of Justices.*

No. 1224 OF 1862.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
BOMBAY, *8th July* 1862.

TO THE MUNICIPAL COMMISSIONERS.

GENTLEMEN,—Government have now under consideration a proposal to carry the B. B. & C. I. Railway from a point at Dadur to a point on the Grant Road in the Island of Bombay as shown in the accompanying plan and section.

2. I should accordingly feel obliged by being favored as early as possible with the opinions of the Commissioners, regarding the accommodation requiring to be provided to pass the traffic on the several roads now existing or likely to be constructed across the line of Railway thus intersecting them—whether such accommodation should be in the form of Level crossings or Bridges?

3. If the section shown in the present drawing be adopted, it is evident that any bridges that may be provided must be overbridges, which, according to regulations hitherto prevailing, should for the main routes have a clear minimum width of 20 feet with approaches not steeper than 1 in 20.

4. These limits may be considered by the Commissioners as somewhat insufficient for the roads to be affected. To obviate misconception on this point, it is desirable that the Commissioners should detail the arrangements they would recommend at the several intersections of the roads.

5. Were it practicable to carry the rails of this proposed line or an embankment sufficiently high to permit the provisions of numerous underbridges having a clear height of 12 feet, the interference with the road traffic and severance of property would possibly be much less than that involved by the adoption of the present section. On this point also the opinion of the Commissioners is requested.

6. I may mention that the question of extension of the B. B. & C. I. Railway south of Grant Road is reserved for future consideration by Government.

7. It is requested that the accompanying plan and section may be returned to this office.—I have, &c., ROBERT MALLABY, Major, Officiating Consulting Engineer for Railways.

No. 1993 OF 1862.

BOMBAY, 19*th July* 1882.

TO MAJOR R. MALCOLM,
Consulting Engineer to Government.

SIR,—Referring to your No. 1224 of 8th instant, I have the honour, by direction of the Municipal Commissioners, to inform you, that as

regards the Foras Roads on the Flats, crossed by the Baroda Railway the Board adheres to the recommendations contained in my No. of

As regards the roads crossed by the railway within the inhabited area of the town, *viz.*, Bellasis road, the road over the main drain, Falkland road, New Camatteepoora or Foras road, Grant road, the Board directs me to say that overbridges are required for the whole of them. The Board considers that width between parapets and inclination of approaches for these bridges should be as follows :—

1st. *Bellasis Road.*—Width between parapets equal to full width between kerbs, 31 feet. Slope of approaches 1 in 40. The deep side drains to be passed under the railway by suitable culverts.

2nd. *Road over the Main Drain.*—Width between parapets 25 feet. Slope of approaches 1 in 30.

I am directed to remark here, that the railway crossing over the drain at this point must be by a skew bridge. The Board cannot consent to any diversion of this important sewer that would injuriously interfere with its present sluggish flow.

3rd. *Falkland Road.*—Width between parapets equal to present width between kerbs, 35 feet. Slope of approaches 1 in 40.

4th. *New Foras Road.*—Width between parapets 25 feet. Slope of approaches 1 in 40.

5th. *Grant Road.*—Width between parapets equal to present width between kerbs, 38 feet. Slope of approaches 1 in 40. Deep side drains to be passed under the railway.

I am directed to add that there are one or two open drains intersecting the line of railway between the Bellasis and Grant Roads. These drains are not shown in the plan ; they pass a great deal of water during the rains ; and will require either diversion or proper culverts.

2. As regards the question raised in your 5th paragraph, the Board desires me to say that underbridges with sufficient headway would of course be preferable so far as concerns the convenience of the road traffic, to either level crossings or overbridges rising abruptly. The existing levels of the roads, however, will not bear lowering ; and the height required for such bridges must be gained by raising the railway bank. The Board, however, does not consider that severance of property will be much affected by the substitution of underbridges ; though there can be no doubt whatever of their much greater convenience for the public.—I have, &c., W. TRACEY, Clerk to the Board of Conservancy.

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No. 2020 OF 1862.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

BOMBAY, 17*th November* 1862.

TO THE MUNICIPAL COMMISSIONERS.

GENTLEMEN,—I forward for your inspection a plan of a girder bridge designed by the B. B. & C. I. Railway Company to carry their line over the Main Drain.

2. In requesting that you will favour me with your opinion as to whether or not there is an objection to cutting grooves in the arch of the drain as therein shown, I would state that this arrangement is considered by the Company's Engineer necessary in order to suit the

crossings of the various thoroughfares which for the public convenience have been lowered as much as possible. Any alterations from the levels already adopted by the Company would involve expensive changes on a large section of Railway besides raising the public crossings.

3. In the event of the Company cutting into the arch of the drain, it would, of course, be incumbent on them to provide against the flow of sewage being interrupted thereby, or against any effluvium escaping at that point.

4. I should at the same time feel obliged by being informed whether the Municipal Commission is now disposed to permit the Falkland Road to be passed across the B. B. & C. I. Railway by a level crossing, as the Company's officers have intimated to me that they believe that arrangement to be considered unobjectionable by the Commission.—I have, &c., ROBERT MALLABY, Major, Deputy Consulting Engineer for Railways.

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No. 3220 OF 1862.

BOMBAY, *4th December* 1862.

TO THE CONSULTING ENGINEER TO GOVERNMENT FOR RAILWAYS.

SIR,—The Municipal Commissioners desire me to acknowledge the receipt of your letter No. 2020 of the 17th ultimo and of its accompanying plan, and to inform you in reply that they see no objection to the proposed grooves being cut in the arch of the main drain, as shewn in plan and section herewith returned.

Regarding the 4th para. of your letter, I am directed to state that the Commissioners have no objection to a first class level crossing for the *present* over the Falkland Road ; but whenever they consider, for the public convenience, that an overbridge should be constructed, it will be necessary for the Railway Company to construct a bridge in place of the crossing.—I have, &c., W. TRACEY, Clerk to the Board.

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No. 1124 OF 1863.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

BOMBAY, *23rd July* 1863.

TO THE MUNICIPAL COMMISSIONERS, BOMBAY.

GENTLEMEN,—In forwarding you a plan and schedule of land required by the B. B. & C. I. Railway Company for their station at Grant Road, I shall feel obliged by your informing me, whether you entertain any objections to the Falkland Road being diverted in the proposed manner, and also what arrangements you propose for the accommodation of the Traffic on the Cammatteepora Road. You have, I believe, consented to a diversion of that road ; but the only plan of the diversion I have seen would run it into the approach bank of the Grant Road crossing.

2. A return of the plan and schedule is requested.—I have, &c., J. S. TREVOR, Captain, R.E., Deputy Consulting Engineer for Railways.

BOMBAY MUNICIPALITY.

No. 1894 OF 1863.

BOMBAY, 18*th August* 1863.

TO CAPTAIN TREVOR,

Deputy Consulting Engineer for Railways.

SIR,—I am directed by the Municipal Commissioners to acknowledge the receipt of your letter No. 1124, dated 23rd ultimo, and to inform you in reply, that they object altogether to the Falkland road being diverted as proposed, inasmuch as such a diversion would in fact render the road next to useless ; and they therefore consider that the only mode by which this crossing can be made with any convenience to the public is by bridging completely across the whole of the ground to be occupied by the railway wherever that ground* is intersected by one of the main roads. The Commissioners do not see why the space of ground required between the Bellasis and this road should not be taken in from the westward. There is ample space between the Falkland and Cammatteepoora (New Foras) roads to admit of this being done ; indeed they do not see why all the ground that is required could not be taken from the large available space between these two roads ; were this done, there would be only the ordinary railway crossings to provide for.

2. The Commissioners are not aware that they have sanctioned any diversion of the Camatteepoora (New Foras) road, and a diversion of it is altogether objectionable. If it were diverted at all it must be from Gilder Street Tank, but this would bring it right into the Grant road bridge embankment, as the diversion must be made with as gentle a curve as possible.

3. A diversion of the road over main drain to the Bellasis road is also required, as this will become an important cross road in a very short time.

4. The Commissioners under any circumstances will require payment at the current rates in the neighbourhood, for any ground taken from them and occupied by the Railway Company.—I have, &c., W. TRACEY, Clerk to the Board.

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No. 1790 OF 1863.

RAILWAY DEPARTMENT,

DATED BOMBAY CASTLE, 10*th September* 1863.

TO THE MANAGING AGENT, B. B. & C. I. RAILWAY Co.
THE DEPUTY CONSULTING ENGINEER FOR RAILWAYS IN GUZERAT.
THE COLLECTOR OF BOMBAY.
THE MUNICIPAL COMMISSIONERS.

Copy of the Resolution passed by Government on an application from the Managing Agent, B. B. & C. I. Railway Company, dated 18th July last, No. 3211, for land required for the Grant Road Station.

The proposed diversion of the road running over the main drain to the foot of the eastern approach of the Bellasis road bridge is approved. But Government do not understand that the Municipal Commissioners consider this a Government liability.

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* Grant road, Falkland road, Bellasis road.

2. Government cannot sanction another over-bridge for the Camatteepoora road within 100 yards of the Grant road over-bridge. It will be necessary to connect the Grant road station with the foot of the approaches to the bridge on both sides.

3. As the principal gate of the station on the east side will probably be at the point where the Camatteepoora road now strikes the station fence, Government consider this is the point whence a road should be taken to the foot of the eastern approach of the Grant Road bridge.

4. Government notice that the through traffic between Byculla and Malabar Hill will be taken an extra distance of about 120 yards, but this is less objectionable than incurring the expense of another over-bridge, and by this arrangement the roads are more easily connected with the station by keeping them on the level.

5. Government consider that, 1 in 30 is a sufficiently easy slope for the approaches of these bridges.

6. Gilder road between Camatteepoora road and Grant road will have to be widened to accommodate the increased traffic.—HENRY RIVERS, LIEUT.-COLONEL, Secretary to Government.

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No. 2161 OF 1863.

BOMBAY, *24th September* 1863.

To LIEUTENANT-COLONEL RIVERS,
Secretary to Government, Railway Department.

SIR,—I am directed by the Municipal Commissioners to acknowledge the receipt of Government Resolution No. 1790, dated 10th instant, and with reference thereto, to observe that the diversion of the road over the main drain to the foot of the approach of the Bellasis Road will involve an expenditure that they are not at all prepared to meet unless Government first of all purchase the land necessary to construct the new road; compensate the Commissioners for the land given up, and also reserve to them the right in perpetuity of access to the manholes along the drain for the purpose of cleansing it, &c.

2. Connecting Cammatteepoora Road with the foot of the approaches to the Grant Road Bridge will virtually cut off nearly 300 yards of the new Cammatteepoora road between the Hon'ble Juggonnath Sunkursett's house and the Gilder Road: the Commissioners would then require compensation for the cost they incurred only a year ago in constructing this road, also that Government purchase a strip of land on the east of the Gilder road so as to increase the breadth sufficiently for the traffic that would naturally pass over it; and further the Cammatteepoora road is a Foras Road, and it appears to the Commissioners that a special enactment is required before this land can be diverted from what it was originally intended for. This point is one the Commissioners would recommend to the consideration of Government.

With regard to your 4th para., the Commissioners would observe that whereas an extra distance of 120 yards to be travelled by the public may be considered "less objectionable than incurring the expense of another overbridge," still they do not think they should be called upon to bear the expense of all these alterations and diversions which inconvenience the public generally and only benefit a private Railway Company.

The Commissioners beg to remind Government that the funds with which they carry out all their operations are derived directly from the public: they are barely sufficient for the ordinary requirements of the Town, and if they are taxed with the cost of works really only profitable to the Railway Company, they will be obliged hereafter to demand increased Town dues and rates to meet the extraordinary expenditure.—I have, &c., C. DURHAM, Acting Clerk to the Board.

No. 1743 OF 1863.

OFFICE OF DEPUTY CONSULTING ENGINEER FOR RAILWAYS IN GUZERAT,

BOMBAY, *7th October* 1863.

TO THE MUNICIPAL COMMISSIONERS, BOMBAY.

GENTLEMEN,—Referring to the 1st para. of your letter No. 2161 to the address of Colonel Rivers, I have the honour to request you to inform me what sum you consider a fair equivalent for the Main Drain Road.—I have, &c., J. S. TREVOR, Captain, Deputy Consulting Engineer in charge, Guzerat Office.

No. 2833 OF 1863.

BOMBAY, 11*th December* 1863.

TO CAPTAIN J. S. TREVOR,
Deputy Consulting Engineer for Railways, Goozerat.

SIR,—In reply to your letter No. 1743, dated 7th October last, I am directed to inform you that the Municipal Commissioner considers that Rs. 6,100 would be a fair equivalent for the Main Drain Road in its present condition.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

No. 769 OF 1864.

BOMBAY, 21*st March* 1864.

THE SECRETARY TO GOVERNMENT, Railway Department.

SIR,—The B. B. and C. I. Railway Company having intimated through their Chief Resident Engineer, on the 11th ultimo, that they intended to lay the permanent way of their railway across the Camatteepoora road, consequent upon the sanction of Government to close the said road and to extend the railway south of it, I am desired by the Municipal Commissioners to submit to Government the necessity of at once widening Gilder road to accommodate the traffic which will thereby be increased.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

No. 1460 OF 1864.

BOMBAY, 30*th May* 1864.

THE RESIDENT ENGINEER, B. B. & C. I. RAILWAY Co.

SIR,—In reference to the subject of your letter No. 74, dated 11th February last, to the address of the Municipal Commissioner, I am directed by the Commissioners to state that they cannot recognize the right of Government to accord permission to the B. B. & C. I. Railway Company to close the Cammatteepoora Road, nor can the Commissioners in the interest of the public permit it.

2nd.—I am further to give notice that the Railway Company should not enter upon, nor break up any road without the express sanction of the Commissioners in writing; otherwise the provisions of Act XIV. of 1856 will be strictly enforced.

3rd.—In respect to the Railway Company having without the consent of the Municipal Commissioner entered upon the Falkland and Cammatteepoora Roads and their reservation, I am forthwith to inform the Railway Company that unless they enter into an agreement within 15 days from this date, to bridge both these roads to the satisfaction of the Commissioners, they will strictly carry out the provision of Act XIV. of 1856.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

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No. 1589 OF 1864.

BOMBAY, *6th June* 1864.

THE SECRETARY TO GOVERNMENT,

RAILWAY DEPARTMENT.

SIR,—I have the honor by direction of the Municipal Commissioners, to submit for the information of Government, copy of a resolution passed at a special meeting of the Board on the 26th ultimo regarding the crossing of certain roads by the B. B. and C. I. Railway.

*2nd.* I am desired to bring to the notice of Government, that under Section V. of Act XIV. of 1856 all public streets and roads are vested in and belong to the Municipal Commissioners, and under the provisions of the said Act, cannot be entered upon, or in any way obstructed, fenced, occupied or alienated without the express sanction of the Commissioners. And I am directed to state that, as at present advised, the Commissioners deny the right of Government to sanction the closing of the Cammatteepoora road, or of any other road in charge of the Municipality, by the B. B. and C. I. Railway Company or by any other person or persons.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

MINUTES OF THE SPECIAL MEETING OF THE BOARD OF MUNICIPAL COMMISSIONERS, *26th May* 1864.

Read the following correspondence regarding the closing of the Camatteepoora road by the B. B. & C. I. Railway Company :—

Letter No. 74, dated 11th February last, from the Resident Engineer, B. B. & C. I. Railway, to the late Board.

Letter No. 769, dated 21st March 1864, from the late Board to the address of Government, and the reply thereto from the Deputy Consulting Engineer to Government for Railways, No. 565, dated the 13th instant. The Board was of opinion, that it was necessary that the matter of crossing and closing roads by the railway authorities should receive its careful consideration. The subject of the Foras roads crossed by the B. B. & C. I. Railway between Mahim and the Bellasis road would be considered hereafter. From the Bellasis road to Back Bay the line marked out for the B. B. & C. I. Railway crosses the following roads :—1. Bellasis road. 2. Main Drain road. 3. Falkland road. 4. Camatteepoora road. 5. Grant road. 6. Junction of the Girgaum Back road, the Breach Candy road, and Gamdavee lane. 7. Chowpatty road.

These roads were at present not more than sufficient for the existing traffic. The Bellasis road had been bridged by the B. B. & C. I. Railway Company with a bridge 30 feet wide. This was sufficient for present necessities and need not now be interfered with, provided the Railway Company enter into an undertaking to widen the bridge to the extent of the road reservation which they have occupied, whenever called upon by the Municipality so to do. The Board observes that no reply has been received from Government to letter No. 2833, dated the 11th December last.

Government should be again requested either to pay the value of the road, or deliver over to the Board another junction road between the Falkland and Bellasis roads.

The Falkland and Camatteepoora roads are Foras road, and have been completed within the last few years at a great outlay to the Municipality, because it became evident that the construction of both these roads was essential for the relief of the Bellasis and Grant roads, and for the convenience of the public. The B. B. & C. I. Railway Company have entered upon both these roads and their reservations, without the consent of the Commissioners.

The Company should at once be informed that unless within fifteen days from this date, the Company enter into an agreement to bridge both these roads to the satisfaction of the Commissioners, they will strictly carry out the provisions of Act XIV. of 1856. Further, that the Commissioners cannot recognize the right of Government to accord permission to the Railway Company to close the Camatteepoora road, nor can the Commissioners in the interest of the public permit it. A notice should also be given to the Railway Company informing them, that they should not enter upon nor break up any road without the express sanction of the Commissioners in writing, and that should the Company do so, the provisions of Act XIV. of 1856 will be strictly enforced.

It appears to be the intention of the B. B. & C. I. Railway Company to form a temporary station for passengers and goods on the ground between the Bellasis and Breach Candy roads. The term "temporary station" may mean one lasting for 3 or for 50 years. The vast increase in traffic which the opening of such a station must necessarily cause on the various roads, not now more than sufficient for the existing traffic, which even without such impetus may soon be expected to double in consequence of the enormous increase in houses, the proposed reclamations and the occupation of the Flats, renders it absolutely necessary that the existing roads should not be closed, nor the traffic therein impeded. The Board therefore resolves that none of the following roads—1. Bellasis road. 2. Falkland road. 3. Camateepoora road. 4. Grant road. 5. Junction of the Girgaum Back road, Breach Candy road and Gamdevi lane. 6. Chowpaty road—should be crossed by the railway unless the Company consent to overbridge them to the satisfaction of the Board. No level crossing will on any account be allowed on these roads.

Further, that a copy of the above be forwarded to Government, and that it be pointed out that under Section V of Act XIV of 1856 all public streets and roads are vested in and belong to the Municipal Commissioners, and under the provisions of the said Act cannot be entered upon or in any way obstructed, fenced, occupied or alienated

without the express sanction of the Commissioners. That as at present advised, the Board denies the right of Government to sanction the closing of the Camatteepoora or any other road in charge of the Municipality by the B. B. and C. I. Railway Company or by any other person or persons.

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No. 1594 OF 1864.

BOMBAY, 6*th June* 1864.

THE SECRETARY TO GOVERNMENT,
RAILWAY DEPARTMENT.

SIR,—In reference to the 1st para. of the Board's letter to you, address No. 2161, dated 24th September 1863, and to letter No. 2833, dated 11th December to Captain J. S. Trevor, Deputy Consulting Engineer to Government for Railways in Guzerat, in which he was informed in reply to his question on the subject, that the Commissioners considered Rs. 6,100 would be a fair equivalent for the Main Drain Road. I am directed by the Municipal Commissioners to submit for the early consideration of Government that either the value of the road should be paid, or that another junction road between the Falkland and Bellasis roads should be made over to the Commissioners.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

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No. 659 OF 1864.

OFFICE OF DEPUTY CONSULTING ENGINEER
FOR RAILWAYS IN GOOZERAT,

BOMBAY, 11*th June* 1864.

TO THE CLERK TO THE MUNICIPAL COMMISSIONERS,
BOMBAY.

SIR,—With reference to your letter No. 1460 of the 30th ultimo, to the address of the Resident Engineer, Bombay, Baroda & Central India Railway, I have the honor to inform you that, under date the 4th December 1862, letter No. 3220, para. 2, permission was granted by the Commissioners, to the Railway Company, to cross the Falkland Road with a level crossing, on condition the Company should build an overbridge whenever called upon to do so. This condition still holds good, and the Company will be desired to carry it out, if the bridge be now regarded as emergently necessary for the public convenience.

2. In the case of the Cammatteepoora Road, although the Commissioners did not expressly grant permission for the closing of the road, they, in your letter No. 1894 of 1863, laid down certain conditions to be fulfilled in case the road was closed, and in subsequent letters No. 2161 of 1863 and No. 769 of 1864, they called on Government to carry out some of those conditions by purchasing land to widen Gilder Road, giving as a reason for pressing the measure, the notice sent by the Railway Company on the 11th February 1864, that it was proposed to lay rails across the Cammatteepoora Road.

3. Under these circumstances it appears to me that the course proposed to be followed in the third para. of your letter No. 1460 of the 30th ultimo, is needlessly harsh and peremptory. The question regarding the Cammatteepoora Road was at the time fully discussed. The Commissioners did not ask for a bridge on it in their letter No. 1894 of the 18th August 1863, enumerating the overbridges required in the island. They pointed out an alternative line that might be adopted in its stead, and they tacitly, as well, I believe, as verbally, consented to its being closed. On the other hand Government deemed it a waste of public money to erect at an expense of a lakh of rupees a second overbridge within 130 yards of one about to be built on Grant Road, more especially as the second bridge would cause a saving of about hundred and twenty yards only in the distance that otherwise would have to be traversed in going from the junction of the Cammatteepoora and Grant Roads to the junction of Gilder Street with Cammatteepoora Road.

4. If the Commissioners have, on further enquiry, found reasons for changing their views regarding the Cammatteepoora Road, Government will, there is but little doubt, pay every attention to any representation the Commissioners may address to them, but in the meanwhile I would submit that it is not necessary to call on the Railway Company to make a promise which they are unable to fulfil without the previous sanction of Government.—I have, &c., J. S. TREVOR, Captain, R.E., Deputy Consulting Engineer for Railways in charge Goozerat Office.

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No. 1495 OF 1864.

BOMBAY CASTLE, *30th June* 1864.

RAILWAY DEPARTMENT.

TO THE CLERK TO THE MUNICIPAL COMMISSIONERS.

SIR,—I am desired to acknowledge the receipt of Municipal Commissioners' letter No. 1589 of 1864, forwarding copy of a Resolution passed at a special meeting of the Board on the 26th ultimo, regarding the crossing of certain roads by the B. B. and C. I. Railway.

2. In reply I am to communicate the following remarks in explanation :—

B { 1 Bellasis road.
b { 2 Falkland road.
3 Camatteepoora road.
B { 4 Grant road.
b { 5 Girgaum road.
6 Chowpatty Road.

As No. 1 is already built and bridges for Nos. 4, 5 and 6, the Commissioners are aware, have been sanctioned, there was no necessity for any protests except as regards Nos. 2 and 3.

3. The last decision* with reference to the Falkland road was that the Commissioners allowed the Railway Company to cross it at the level, on condition that if they were ever called upon to build an overbridge they would engage to do so.

4. As to the Camatteepoora road, in their letter No. 1894, August 18th, 1863, they did not enumerate this among those for which they required overbridges, they objected to the diversion first proposed, and suggested another ; this, Government approved and sanctioned, and orders have been given, at the suggestion of the Municipal Commissioners, contained in their letter No. 769 of 1864, for the purchase of the land required for widening Gilder street between Grant road and Camatteepoora road, and eventually to continue this to the Bellasis road.

* Letter No. 3220 of 1862, from the Commissioners to the Deputy Consulting Engineer, para. 2.

5. All public requirements are thus provided for, and in the opinion of the late Commissioners, sufficiently.

6. They never remonstrated against the proposed blocking up of Cammatteepoora road, and Colonel Rivers has often spoken to Mr. Forjett and the late Major Curtis, on the subject of these bridges and crossings.

7. The details of the three bridges, and the roads alongside of them, for giving access to the neighbouring houses, were settled in communication with the latter gentlemen, both on the ground and in discussion on the drawings, and no protest was ever then verbally made, or was any intimation given that a formal one would be afterwards made against the arrangement sanctioned by Government for the Camatteepoora road traffic, by Government Resolution No. 1790 of September 10th.

Grant road.
Girgaum road.
Chowpattee road, called sometimes Malabar Hill road.

8. It would be specially difficult and inconvenient to have a skew bridge over the railway at that road, and as it is only 130 yards from Grant road where an overbridge had been sanctioned, there seems a waste of public money if it were constructed.

9. There seems to be no difference of opinion between Government and the Commissioners now, except as to the Camatteepoora road; for, if the Commissioners state that the Falkland road must also be bridged, the Company will be asked to send in a plan, and it will be sanctioned, though the cost will be probably no less than a lakh of rupees.

10. But as to the Camatteepoora road, when the question has been discussed for two years, when the final Resolution has been tacitly accepted for nine months, when the Railway Company has been allowed to consider the intersected part of that road as forming part of their station, Government consider it somewhat inconsiderate for the Commissioners now to assert their right, and talk of taking up rails, unless an expensive overbridge be constructed.

11. Government have taken upon themselves, at the suggestion of the Municipal Commissioners, the expense of widening Gilder street, and of the land required in extension to connect it with Bellasis road, the construction of the latter portion being a Railway Company's liability.

12. I am further desired to intimate that Government do not gather from anything before them, that the powers of the Municipal Commissioners, as specified in the 2nd para. of their letter, have ever been questioned; the matter had to be discussed by them as the Railway Company's expenditure had to be sanctioned by Government. It is satisfactory to Government to be assured that the Municipal Commissioners are resolved to exercise those powers for the public benefit.

13. As the correspondence on this subject has for the most part been with the Deputy Consulting Engineer for the B. B. & C. I Railway, I am to suggest to the Municipal Commissioners that a reference to Captain Trevor might obviate the necessity for addressing Government regarding the acts of the Railway Company, except when Captain Trevor's reply is not found satisfactory, and the Commissioners desire an appeal to Government.—I have, &c., HENRY RIVERS, Lieutenant-Colonel, Secretary to Government.

BOMBAY MUNICIPALITY.

No. 1500 OF 1864.

BOMBAY CASTLE, 30*th June* 1864.

RAILWAY DEPARTMENT.

TO THE MUNICIPAL COMMISSIONERS, BOMBAY.

SIRS,—I am directed, in reply to your letter No. 1594, to inform you that the Collector has been authorized to purchase the strip of land required for continuing Gilder Street between the point where it crosses Falkland Road and the foot of the Eastern Slope of the Bellasis Road Railway overbridge.

2. The B. B. & C. I. Railway are prepared to pay over to the Municipal Commissioners (Rs. 6,100) six thousand one hundred, the estimated cost of making this road as the construction of this diversion is a Railway Company's liability.

3. Mr. Lane states that this payment will be made as a final settlement of the question.—I have, &c., HENRY RIVERS, Lieutenant-Colonel, Secretary to Government.

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No. 2046 OF 1864.

BOMBAY, 11*th July* 1864.

THE SECRETARY TO GOVERNMENT,
RAILWAY DEPARTMENT.

SIR,—I have the honor by direction of the Municipal Commissioners to acknowledge the receipt of your letter of the 30th ultimo, No. 1500, informing the Commissioners that the B. B. & C. I. Railway Company are prepared to pay the amount asked for the Main Drain road, Rs. 6,100. I am desired to request that the Company may be instructed to pay the same, at their early convenience, into H. M.'s Treasury, Bank of Bombay, to the credit of the Municipal Fund.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

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No. 2149 OF 1864.

BOMBAY, 18*th July* 1864.

THE SECRETARY TO GOVERNMENT,
RAILWAY DEPARTMENT.

SIR,—In reference to the copy of Government Resolution received under your No. 1589, dated the 12th instant, I have the honor by desire of the Municipal Commissioners to request the favor of being furnished with a copy of the plan of extra ground therein alluded to as sanctioned to be purchased for the B. B. & C. I. Railway Company. —I have, &c., J. N. C. BEYTS, Clerk to the Board.

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No. 2977 OF 1864.

BOMBAY, 20*th September* 1864.

TO THE CONSULTING ENGINEER FOR RAILWAYS,
IN GUZERAT.

SIR,—I have the honor to state by direction of the Municipal Commissioners, that having duly considered the arguments set forth in your letter of the 11th June last, No. 659, and in that of Government

No. 1495 of 1864, Railway Department, in reference to the protest made by the Commissioners against the crossing of certain roads by the B. B. and C. I. Railway, the Commissioners find that the principal point at issue lies at present on the question of the Camatteepoora Road Bridge, since in your letter No. 1030 of 1864 the Commissioners are informed that in compliance to the request made in their letter No. 2391, dated 2nd ultimo, Government have adopted measures for the early bridging of the Falkland road.

2. The Commissioners perceive that their predecessors have indirectly assented to the crossing of the Camatteepoora road on the level, and however opposed such a course is to their conviction of what would have been best for the interests of the public, the Commissioners cannot but feel that they are bound not to interfere with the arrangements, particularly as it is so strongly advocated by Government, and will therefore no longer press for the bridge.

3. I am to request that the plan of the Falkland Road Bridge may be submitted for approval and also those of the Grant, Girgaum, and Chowpatty Road Bridges, which have not yet been laid before the Commissioners, and which should be furnished at an early date to prevent hindrance to the works of the railway.

4 In conclusion, I am to add that the Chief Resident Engineer of the Company was informed on the 9th instant, in reply to an application to lay rails across the Grant road, as a temporary measure, that it would be permitted providing that an immediate commencement was made of the three last named bridges and of the approaches to them, also that the Company distinctly bind themselves to complete the said bridges by a certain date.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

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No. 3150 OF 1864.

BOMBAY, 30*th September* 1864.

TO THE CONSULTING ENGINEER FOR RAILWAYS, IN GUZERAT.

SIR,—In continuation of my letter of the 20th instant, No. 2977, I have the honor by direction of the Municipal Commissioners to state that as they have been verbally given to understand, that if the construction of the Falkland Road Bridge be at once ordered, that the temporary stations recently sanctioned for that vicinity cannot be proceeded with, and the opening of the line to Bulsar must in consequence be delayed ; the Commissioners will consent, if such be the case, to the postponement of the work if the Railway authorities bind themselves to open the traffic to Guzerat by the 1st November next, and to complete Falkland Road Bridge by the 1st February 1865.

2. The Commissioners make this proposal in consideration of the great importance of having the line to the north opened as early as possible, and of the anxiety of Government on the subject.—I have, &c., J. N. C. BEYTS, Clerk to the Board.

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*Extract from the proceedings of the Bench of Justices,* 31*st August* 1871.

The question of the level crossing at Colaba was discussed by the Justices.

## BOMBAY MUNICIPALITY.

Proposed by F. Mathew, Esq., and seconded by J. M. Sleater, Esq.—"That the Justices for the City of Bombay approve of and accept a "new direct road from Colaba to the Fort as shown by plan submitted, "in lieu of a bridge over the Railway by the old narrow road where "the Railway will cross to the terminus, sanctioned by Government on "the Gun Carriage premises."

Proposed as an amendment by the Municipal Commissioner, and seconded by J. M. Maclean, Esq., "that the B. B. and C. I. Railway Company be allowed to cross the Colaba Road on the level at the proposed point only on the following conditions:—That the diversion road proposed by Mr. Mathew be constructed by the B. B. and C. I. Railway with an overbridge. That the level crossing of the Colaba road be maintained by and at the cost of the B. B. and C. I. Railway, and that none of these works be undertaken until the plans and conditions have been approved and ratified by the Bench."

The amendment, on being put to the vote, was carried, and the original proposition lost.

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No. 1493 of 1871.

Railway Department.

Bombay Castle,
12th December 1871.

From the Agent, Bombay, Baroda and Central India Railway Company, No. 4989, dated 4th October 1871.

With reference to Government Resolution No. 1083, dated 11th September 1871, forwards plans and estimates for a bridge over the Railway on the Colaba road; also a plan and estimate for a bridge on the alternative site proposed from the outside road to be constructed along the Back Bay Reclamation.

From the Consulting Engineer for Railways, No. 3112, dated 5th October 1871.

Submits, with opinion and observations, the above for orders.

Further memorandum by the Acting Consulting Engineer for Railways, No. 3307, dated 26th October 1871.

Submits a sketch plan shewing how the extension of the Baroda Railway from Sonapore to the Gun Carriage premises may be laid out in connection with the project for reclaiming the foreshore from Sonapore to the outer line of breakwater, in order to comply with the following condition:—

1. The lowering of the main line in front of the Esplanade to mean sea level, or thereabouts.
2. The provision of an overbridge to connect Church Gate Street with the outer road.
3. The provision of an overbridge to carry the proposed diversion of the Colaba road from the Wellington Fountain, to join the outer road.
4. The provision of sidings in connection with the main line leading on to the Cotton Green, to be hereafter extended to the Apollo Reclamation, &c.

Resolution.—The discussion on the subject of the Railway approach to Colaba has been a protracted one. It was not until the year 1870, that it was finally decided by the Secretary of State that the terminus of the Baroda Railway should be at Colaba, and since

that decision, questions have arisen as to the proper site for the terminus at Colaba, the position of the Railway line across Back Bay, the extent of reclamation to be carried out, and various minor points, which have prevented a decision being come to as to the final arrangements. In the meantime the Railway Company have had the use of lines laid down by Government across the Esplanade, and of the temporary sidings on the Cotton Green, and the delay is not, on the whole, to be regretted, as the necessary works can now be carried out at much less cost than they could have been two or three years ago.

2. The question now immediately before Government relates to the arrangement to be made for carrying the Colaba road across the railway. The Bench of Justices, by an almost unanimous vote, have decided in favour of a proposal to divert the Colaba road south of the Wellington Fountain, to carry it over the railway by a bridge to be built near the Cooperage, and thence along the outer edge of the proposed reclamation, to rejoin the existing road a little to the south of the Gun Carriage premises. The Railway Company have submitted a plan and estimate for a bridge designed in accordance with this Resolution of the Bench, as well as an alternative design for a bridge on the existing Colaba road; but it appears to His Excellency in Council that the time has arrived for coming to a final decision as to the location of the railway across Back Bay, and that it will be desirable to deal with this overbridge as part of the general plan.

3. The questions as to the extent of reclamation to be provided are not likely to give further difficulty. His Excellency in Council expects to be in a position, almost immediately, to issue orders for the completion of the reclamation of the space between the timber staging and the shore to the south of Sonapore, and the reclamation of the foreshore at Colaba is already in progress. The design of forming a ride and carriage drive outside the railway, along the sea face of the reclamation, for the entire distance from Chawpatty to Colaba, will be adhered to, and the question now to be decided is how to carry the railway across the Bay, in a manner that, without entailing an unreasonable expense on the Railway Company, shall render it, as little as possible, a source of annoyance to the public.

4. The plan sketched out by the Consulting Engineer for Railways for a low level line in front of the Esplanade appears to His Excellency in Council to offer the best practical solution of this question. The Railway Company have laid their rails as far as the temporary station at the Marine Lines, and these will remain almost undisturbed. The descent necessary in order to attain the proposed low level should commence near the Marine Lines station, the gradient being 1 in 300. Opposite the Esplanade, the trains will thus be almost hidden from view; the ascent from the low level should commence nearly opposite the Bandstand at 1 in 300, and the railway should cross the Colaba road at the Gun Carriage on the level. The height of the overbridges required to give access to the outer road and foreshore will thus be reduced to a minimum, and the inconvenience of heavy embanked approaches, above the level of the Esplanade, in great measure avoided.

5. Two overbridges for carriage traffic are proposed for immediate construction, one being on the prolongation of Church Gate street, and the other to carry the Colaba road diversion opposite the Cooperage. There can be no question as to the necessity for these bridges, and it

must be understood that Government reserve their right, under the Deed of Contract, of ordering the construction of another overbridge for carriages at some point between the French Bridge and the terminus at Colaba; but this bridge is not likely to be required at present, and it will only be necessary, in the meantime, to provide light footbridges at frequent intervals, and level crossings opposite the principal roads.

6. The existing road to Colaba will, when these arrangements are completed, be used only as a business thoroughfare, affording access to the wharves, the presses, and the Railway terminus; all light and through traffic will pass over the new road. It will be necessary to stipulate that the Municipality, if these proposals are carried out, should recognize the right of Government to permit rails to be laid on the level across the existing Colaba road, wherever lines are required to connect the various piers and wharves with the railway.

7. His Excellency in Council is of opinion that these proposals cannot fail to commend themselves to the Bench of Justices, and the public generally, and he trusts that the Railway Company will also readily acquiesce in them in the interests of the Town. Anticipating their concurrence, His Excellency will be glad if the Railway Company will prepare, and submit, a final design and estimate for the completion of the Railway to Colaba, adopting the general features of the sketch plan submitted by the Consulting Engineer, which should be furnished to the Agent. The following points should be particularly attended to in the preparation of the design:—

(*a.*) The formation level of the railway in front of the Esplanade to be 80·297 on Town Hall datum.

(*b.*) The width of the strip of land occupied by the line to be restricted to that required for a double line of rails, or 30 feet, where the line is on the surface of the ground, to include the fence. The necessary extra width to be allowed for side slopes and berme where the line is in cutting.

(*c.*) The Company to return the land in excess of the above width now occupied between the Marine Lines and French Bridge.

(*d.*) The width of opening under bridges not to exceed 30 feet.

(*e.*) The clear height of bridges above the rails to be 14 feet 6 inches.

(*f.*) The width of the road over the bridge at Church Gate to be 60 feet, including footpath, and the width of that over the Cooperage bridge to be 50 feet.

(*g.*) Bridge approaches to be on an incline of 1 in 40, and to be formed with earthen side slopes, to be hereafter turfed, or planted with shrubs and flowers.

(*h.*) The depth of the girders of overbridges to be reduced as much as possible, the necessary strength being obtained by employing a large number.

(*i.*) Care to be taken so to arrange the levels south of the Cooperage overbridge, that there will be no difficulty in leading lines on to the Cotton Green by a reverse curve, from a point between the bridge and Colaba.

8. Provision may be made for a permanent station for local traffic at Church Gate. This might, with advantage, form part of the design for the overbridge. There will be no objection to the construction of similar platforms at or near the Colaba road.

9. Detailed orders regarding the reclamation of the foreshore between Sonapore and the Cooperage will be issued hereafter. As a preliminary measure, the services of an Engineer will be placed at the disposal of the Consulting Engineer for Railways, for the purpose of comparing the levels taken by Captain Seton, R. E., in 1865, with the actual levels, re-calculating the quantities, and preparing a correct estimate at current rates.

10. A copy of these proceedings should be forwarded to the Government of India.

M. R. KENNEDY, COLONEL, R.E.,
Secretary to Government.

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No. 43 OF 1872.

BOMBAY, TOWN HALL, 20*th January* 1872.

TO THE SECRETARY TO GOVERNMENT,
RAILWAY DEPARTMENT.

SIR,—I have the honor to inform you that the Justices of the Peace for the City of Bombay, having, at an adjourned quarterly meeting, assembled on the 19th instant, taken into consideration Government Resolution No. 1493 of 1871, dated 12th December last, on the subject of the Railway approach to Colaba, passed the following resolution thereon, *viz.*:—

"That the consideration of the Government Resolution on the subject of the Railway approach to Colaba be adjourned until the plans and estimates are furnished to the Municipal Commissioner and his report is submitted to the Bench."—I have, &c.,

F. STANGER LEATHES,
Clerk to the Justices of the Peace
for the City of Bombay.

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No. 1330 OF 1872.

BOMBAY, 24*th February* 1872.

TO THE CLERK TO THE JUSTICES OF THE PEACE.

SIR,—With reference to your No. 44 of 20th ultimo, communicating the Resolution of the Bench, dated 19th idem, regarding the Railway approach to Colaba, I have the honour to state that after considering the plans and estimates and the letter of the Agent of the B. B. and C. I. Railway, No. 413 of January 22nd, I consider the proposal to carry the line on the existing level and to dispense with an overbridge at Church Gate to be the more suitable of the two, and entitled to the support of the Bench, provided the trains be regulated as contemplated by Mr. Currey.—I have, &c.,

T. C. HOPE,
Acting Municipal Commissioner.

BOMBAY MUNICIPALITY.

Railways.—B. B. and C. I.
*Extension to Colaba.*

No. 222 OF 1872.

*Extract from the Proceedings of Government in the Railway Department, dated 24th February* 1872.

Read the following :—

To THE SECRETARY TO GOVERNMENT,
RAILWAY DEPARTMENT.

SIR,—I have the honour to submit letter No. 413, dated 22nd January, with accompaniments, from the Agent, Bombay, Baroda, and Central India Railway Company, on the subject of the extension of that line at Colaba, and the proposals put forward in Government Resolution No. 1493, dated 12th December last.

2. Mr. Currey objects, on general grounds, to the proposal to lower the line in front of the Esplanade, and to the provision of an overbridge at Church Gate street; and he submits an alternative design for a line on the surface of the Esplanade, and a level crossing at Church Gate street, which he estimates will cost the Railway Company Rs. 3,76,410 less than the other. It is unnecessary for me to follow Mr. Currey's arguments on the general question, which are the same, to all intents and purposes, as those urged for years past by the advocates for the Colaba line. I will notice certain special objections further on. Under any circumstances, the railway across the Esplanade must be a great nuisance. The question is, whether sinking the line, as proposed, will mitigate the nuisance, and whether the advantage gained will be worth the expense.

3. The overbridge proposed at Church Gate street will be a very slight obstruction if the line is sunk, and will not look ugly, as the road will not be more than 7 or 8 feet above the present level of the Esplanade. Mr. Currey, aware that a bridge in this situation would be a most objectionable and unsightly feature if the line below it is not sunk, adopts the theory that a level crossing would be preferable, and treats the bridge as one of the evils necessarily resulting from the adoption of the sunk line; but I would observe that, if a level crossing is admissible at all in this situation, it can be made across the sunk line, the approaches to it and to the station being laid out on inclines in cutting. At the same time, my own opinion is, that neither Government, nor the public, should consent to dispense with a bridge.

4. Mr. Currey, as above stated, makes out that a saving of Rs. 3,76,410 would result from adopting the Company's proposals for a line on the Esplanade level. It is necessary to examine this statement carefully. The following are the items in which a difference of cost appears extracted from Mr. Mathew's estimates. The apportionment may not be quite exact, as I have not been able, in all cases, to

distinguish the works included in the several items, but it is sufficiently correct for the purpose of comparison :—

| Nature of work. | Cost as per Government plan. | Cost as per Railway Company's plan. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| 1. Constructing line from Marine Lines to Colaba, *exclusive of fencing* ... ... ... ... | 1,47,069 | 1,79,148 | |
| 2. Fence or walls ... ... ... | 99,066 | 65,835 | |
| 3. Subway, *exclusive of fence wall* ... | 3,40,398 | ... | |
| 4. Overbridge, Church Gate (about)... | 96,000 | ... | |
| 5. Level crossing, Church Gate ... | ... | 9,020 | |
| 6. Church Gate Station ... ... | 91,959 | 91,225 | |
| 7. Overbridge at Cooperage ... ... | 67,203 | 1,10,458 | |
| 8. Foot overbridges ... ... ... | 19,200 | 28,800 | |
| Total ... | 8,60,895 | 4,84,486 | |
| Difference, as shown by Mr. Currey ... | 3,76,409 | | |

5. In respect of items 1, 5, 7 and 8, the estimates are in favour of the Government scheme ; the net difference in favour of the scheme advocated by Mr. Currey arises under items 2, 3, and 4.

6. Item No. 2 provides for a parapet wall, 4 feet high, on concrete foundations, the whole way across the Esplanade, on both sides of the sunk line. Such a parapet was shown on the sketch drawn by me in the section, which was, in fact, a copy of one submitted by Mr. Mathew in 1870 ; but this solid parapet is by no means a necessary feature of the scheme. On the contrary, I think, a mound, and an iron fence at top, would be far preferable. I would lay out borders with shrubs and flowers on the outside of this, and these, if prettily arranged, would look infinitely better than a wall, and conceal the trains quite as well. The cost need not be at all more than that of the ornamental iron fence proposed by the Company, and the difference shown, Rs. 33,231, will entirely disappear.

7. With regard to item No. 3, I observe that excavation has been calculated at Rs. 91,485, and credit given for Rs. 37,477 only for the earth removed. As the whole of the earth excavated will be available for the outer reclamation, and as the formation of the trench for the sunk line can be, and ought to be, carried out simultaneously with the reclamation, I see no reason for charging for excavation at all. It will pay the contractor for the reclamation much better to take earth from the Esplanade than to bring it in by train. The item may be omitted altogether from the Company's estimate, which will thus be reduced by Rs. 54,008. It further appears to me that the thickness of puddle (3 feet) provided on the slopes of the cutting is rather in excess

and that a less costly description of masonry than brickwork in cement, at Rs. 15 per yard, would suffice for pitching the slopes and bottom of the subway. I do not quite understand either why so much iron piping is needed. The estimate for these three items, puddle, brick masonry, and piping, amounts to Rs. 2,79,612, and I believe, by careful reduction, it might be brought down to 2½ lakhs; but this is a matter for further consideration with the Company's Engineers.

8. Item No. 4 is the cost of the overbridge at Church Gate. I have pointed out above that, if this item can be omitted from the Company's scheme, it can equally be omitted from the Government scheme, and that, if it is allowed to stand, a very much larger amount should be put down against the Railway Company's scheme for the bridge they will have to build there; but, before going further into this, I would call attention to the extravagant design proposed by Mr. Mathew for this bridge. He takes it right across the centre of the station, spanning the station buildings and platforms. It was suggested in the Government Resolution, that the permanent station for local traffic should form part of the design for the overbridge, but there is no necessity for combining the two, as Mr. Mathew has done. What I should suggest would be to build the bridge on the same design as that proposed at the Cooperage, which is estimated to cost about Rs. 67,000, and to have flights of steps, something like those at Grant Road, but much wider, from the road over the bridge to the platforms of the station, which should be built to one side of the bridge. If low level carriage roads are required as approaches as well, they can be provided on both sides of the line, on the station side of the overbridge; but I doubt if these are indispensable. Assuming that the bridge, if the line is sunk, need not cost more than Rs. 67,000, the bridge, if the line is kept on the level of the Esplanade, will not cost less than Rs. 1,00,000, so that, instead of a difference of some Rs. 87,000 being shown under this item *against* the Government proposal, there should be a difference of some Rs. 24,000 *in favour* of it, and against Mr. Currey's plan.

9. I think I have now shown conclusively, that, in estimating the difference between the cost of the Government and Railway proposals at Rs. 3,76,410, Mr. Currey has greatly overstated it. If the corrections I have shown to be necessary are made, the difference will be reduced to less than Rs. 2,00,000, exclusive of a possible saving in the subway items. This is less than I expected, as I put the probable difference down at from 2½ to 3 lakhs in my memorandum No. 3307 of the 26th October.

10. It remains for me to notice the special arguments brought forward by Mr. Currey, and Mr. Matthew, against the proposed low level line, on other grounds besides the extra expense involved :—

*First.*—As to the delay that will occur in giving the Company access to Colaba, I concur with Mr. Mathew that it would not be safe to calculate on completing the line according to the Government proposal under three seasons' work, but there will be no difficulty in laying the Colaba end of the permanent line as soon as the reclamation, now in progress, is finished, or in connecting it with the present temporary lines, which must, under any circumstances, be kept open during the progress of the work required for the subway. There will be some little difficulty, no

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